

Curriculum of the scientific, didactic and professional activity of

MARIAGRAZIA DOTOLI

Dipartimento di Ingegneria Elettrica e dell'Informazione
Politecnico di Bari
Italy

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Personal Information

Biographical data

First name: Mariagrazia

Family name: Dotoli

Date of birth: 30/06/1971

Place of birth: Bari

Residence: Via V. de Romita 22 - 70121 Bari

Address at Politecnico di Bari: DEI- Politecnico di Bari - Via Re David 200 - 70125 Bari

Telephone: +39 080 5963667 (Politecnico di Bari)

Fax: +39 080 5963410 (Politecnico di Bari)

E-mail: mariagrazia.dotoli@poliba.it

Web page: <http://dclab.poliba.it/people/mariagrazia-dotoli/>

Children: two

Nationality: Italian

Current position and main appointments at Politecnico di Bari

- Since 2020 she is the coordinator of the PhD Program in Industry 4.0 of Politecnico di Bari, Italy.
- On December 1st 2019 she was appointed Full Professor in Systems and Control Engineering at Politecnico di Bari, Italy, Department of Electrical and Information Engineering.
- From February 2015 to November 2019 she was an Associate Professor in Systems and Control Engineering at Politecnico di Bari, Italy, Department of Electrical and Information Engineering.
- In the period January 1999-February 2015 she was a tenured Assistant Professor in Systems and Control Engineering at Politecnico di Bari, Department of Electrical and Information Engineering.
- Since November 2019 she is member of the Board of the Doctoral School of Politecnico di Bari, first as member designated by the Academic Senate, subsequently as coordinator of a PhD program.
- Since June 2017 until October 2021 she was Research Delegate of the Department of Electrical and Information Engineering at Politecnico di Bari.
- Since September 2016 she is the Students' Vice Warrantor of Politecnico di Bari.
- She has been Vice Chancellor for Research of Politecnico di Bari in 2012-2013 and Rector's delegate for research of Politecnico di Bari in 2009-2011.
- From October 2012 to March 2015 she was member elect of the Academic Senate of Politecnico di Bari for years 2012-2015.
- Since 2012 she is founder and partner of the spinoff company of Politecnico di Bari "Innolab".
- Since April 2017 she is a member of the Joint Teaching-Student Committee of the Department of Electrical and Information Engineering Bari, at Politecnico di Bari.
- From March 2016 to March 2017 she was a member of the "Quality Commission" of Politecnico di Bari.
- Since July 2016 she is a member of the Scientific and Technical Committee of the Apulia Region Productive District on renewable energy and energy efficiency.

Qualifications

- Ph.D. in Electrotechnical Engineering 1999 (at Politecnico di Bari). PhD thesis: M. Dotoli, Recent Developments of the Fuzzy Control Methodology, PhD thesis in Electrotechnics Engineering of Politecnico di Bari, Bari, April 1999, tutor Prof. Ing. B. Maione.
- Professional Engineer Qualification 1996 (marks 140/140, at Politecnico di Bari).
- Laurea Degree in Electronic Engineering 1995 (marks 110/110 summa cum laude, at Politecnico di Bari): M. Dotoli, Elements of Arbitrariness in Fuzzy Control, Laurea Thesis in Electronics Engineering of Politecnico di Bari, Bari, July 1995, tutor Prof. Ing. B. Maione.
- Scientific Degree 1989 (marks 60/60, at the Scientific High School A. Scacchi of Bari).

Foreign languages

- English: written and spoken excellent. Scientific publications and communications at international conferences and schools in English. CAE (Certificate of Advanced English): marks A (max). TOEFL (Test Of English as a Foreign Language): marks 643/660.
- French: written and spoken excellent. Stage Erasmus in Paris at Paris 7 University (France). Visiting researcher at Université Paris 7 and Ecole Centrale de Lille.
- German: written and spoken good. Attendance of German language courses until Mittelstufe II level at a specialized school under agreement with Goethe Institut. ZD (Zertificat Deutsch): marks 271/275.
- Danish: written and spoken fundamental. Stay in Copenhagen at Danish Technical University during the Ph.D. scholarship. Attendance of Danish language courses at a specialized school in Denmark.

Education

She was visiting scholar at:

- Ecole Centrale de Lille, Lille (France), year 2012-2013, research group of Prof. S. Hammadi, on modeling and control of discrete event systems. Didactic activity for the PhD course “Logistique pour la Santé”, 60 hours lessons on “Modeling, Simulation and Optimization of Discrete Event Systems: Applications”;
- Rheinisch-Westfaelische Technische Hochschule Aachen (Germany), September 2000, research group of Prof. D. Graf von Kaiserlingk. Didactic activity for the “Soft Computing Summer School in Medicine” (ERUDIT – ESPRIT Program financed by the EC), 10 hours lessons on “Soft Computing”;
- University of Limerick (Ireland), 2000. Didactic activity for the “Coil Summer School” (COIL financed by the EC), 10 hours lessons on “Soft Computing”;
- Danish Technical University, Copenhagen (Denmark), June-October 1998, June-October 1999, research group of Prof. J. Jantzen on modeling and control of fuzzy systems. Didactic activity: 15 hours lessons in 1998-1999 and 8 hours lessons in 1997-1998 on “50370 Fuzzy Control and Neural Networks”;
- Université Paris 7, Paris (France), March-June 1995, research group of Prof. B. Bouchon Meunier, at the LAFORIA (Laboratoire Formes et Intelligence Artificielle) on modeling and control of fuzzy systems.

She attended the following higher education courses:

1. in 2015 the 21 hours course on "Decentralized and Distributed Control" held within the International Graduate School of the European Embedded Control Institute at the Supelec - Paris Saclay (France);
2. in 2011 the 34 hours summer school on "Control of Discrete-Event Systems: Automata and Petri Nets Perspectives" held at the University of Cagliari;
3. in 2004 the 30 hours course "Modellistica e Controllo di Reti di Trasporto e di Telecomunicazione" held at the Doctorate School of the Automation Interuniversity Centre;
4. in 2004 the 50 hours course "Dynamic Traffic Flow Modeling and Control", held at the Technical University of Chrete (Greece) by Prof. M. Papageorgiou;
5. in 2001 the 20 hours course "Modeling of Discrete-Event Dynamic Systems", held by Prof. Alan A. Desrochers of Rensselaer Polytechnic Institute, Troy, New York USA, at Politecnico di Bari;
6. in 2000 the 20 hours course "Introduction to Robot Dynamics and Control", held by Prof. Alan A. Desrochers of Rensselaer Polytechnic Institute, Troy, New York USA, at Politecnico di Bari;
7. in 1999 the 20 hours course "Petri Nets and Their Application to Manufacturing Systems: Modeling, Control, and Performance Analysis" held by Prof. Alan A. Desrochers of Rensselaer Polytechnic Institute, Troy, New York USA, at Politecnico di Bari;
8. in 1999 the 40 hours course "International Summer School - Fuzzy Logic Control: Advances in Applications" in Delft, The Netherlands;
9. in 1998 the 40 hours course "International Summer School - Fuzzy Logic Control: Advances in Methodology" in Ferrara, Italy;
10. in 1997 the 40 hours course "La simulazione come strumento di analisi dei sistemi produttivi", held at the research consortium CETMA (Brindisi) by Eng. A. Greco (Università di Lecce);
11. in 1996 the 40 hours course "NATO Advanced Study Institute on Soft Computing and its Applications" in Antalya (Turkey);
12. in 1996 the course "Fuzzy Control Course on Internet", held by Prof. Jan Jantzen (Danish Technical University).

Didactic activity

Didactic activity in Italy

Official Teaching Appointments

She holds or held the courses:

- “Applications of Matlab” (3 CFU) by the PhD School of Politecnico di Bari (a.y. 2015-2016, 2016-2017, 2017-2018, 2018-2019), course given in English language;
- “Applications of Matlab” (3 CFU) by the PhD School of Politecnico di Bari (a.y. 2014-2015);
- “Dynamical Systems Theory” (6 CFU) in Automation Engineering (5-years Laurea) of Politecnico di Bari in Bari (a.y. 2018-2019, 2019-2020, 2020-2021, 2021-2022), course given in English language;
- “Dynamical Systems Theory” (6 CFU) in Electrical Engineering (5-years Laurea) of Politecnico di Bari in Bari (a.y. 2018-2019, 2019-2020, 2020-2021, 2021-2022), course given in English language;
- “Dynamical Systems Theory” (6 CFU) in Automation Engineering (5-years Laurea) of Politecnico di Bari in Bari (a.y. 2017-2018), course given in Italian language;
- “Dynamical Systems Theory” (6 CFU) in Electrical Engineering (5-years Laurea) of Politecnico di Bari in Bari (a.y. 2017-2018), course given in Italian language;
- “Fundamentals of Automation” (12 CFU) in Electronics and Telecommunications Engineering (3-Years Laurea) at Politecnico di Bari in Bari (a.y. 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022);
- “Control Systems” (6 CFU) in Engineering of Logistic Systems for the Agri-food (3-Years Laurea) at University of Foggia (a.y. 2015-2016, 2016-2017, 2017-2018);
- “Systems Analysis” (6 CFU) in Management Engineering (5-Years Laurea) at Politecnico di Bari in Bari (a.y. 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2018-2019, 2019-2020, 2020-2021, 2021-2022);
- “Automatic Control I” (12 CFU) in Electrical Engineering (3-Years Laurea) at Politecnico di Bari in Bari (a.y. 2010-2011, 2011-2012);
- “Automatic Control I” (9 CFU) in Electrical Engineering (3-Years Laurea) at Politecnico di Bari in Bari (years 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2009-2010, 2012-2013);
- “Automatic Control” (9 CFU) in Electrical Engineering (3-Years Laurea) at Politecnico di Bari in Foggia (a.y. 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2009-2010);
- “Nonlinear Control” (3 CFU) in Information Science Engineering (Specialistic Laurea) at Politecnico di Bari in Bari (a.y. 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011);
- “Nonlinear Control” (3 CFU) in Automation Engineering (Specialistic Laurea) at Politecnico di Bari in Bari (a.y. 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011);
- “Control Systems Analysis” (2.5 CFU) Master in “Technological Innovation in Mechatronics-MIMEC” of Politecnico di Bari in Bari (a.y. 2006-2007).

Didactic Activity as an Assistant to Other Courses

She developed the numerical and experimental laboratory of the following courses:

- in the years 2002-2003 and 2003-2004 Automatic Control for the Laurea Course in Electrical Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Maria Pia Fanti (about 20 hours/year);

- in the years 2002-2003 and 2003-2004 Automatic Control for the Laurea Course in Mechanical Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Maria Pia Fanti (about 20 hours/year);
- in the years 1998-1999, 1999-2000, 2000-2001 and 2001-2002 Automatic Control I for the Laurea Course in Electronic Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Bruno Maione (about 40 hours/year);
- in the years 1998-1999, 1999-2000, 2000-2001 and 2001-2002 Automatic Control II for the Laurea Course in Electronic Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Bruno Maione (about 40 hours/year);
- in the years 2000-2001 and 2001-2002 Automatic Control I for the Laurea Course in Computer Science Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Bruno Maione (about 40 hours/year);
- in the year 1999-2000 Systems Theory for the Laurea Course in Environmental Engineering of the second Engineering Faculty of Politecnico di Bari, held by Prof. Bruno Maione (about 20 hours/year);
- in the year 1999-2000 Automatic Control I for the Diploma Course in Electrical Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Maria Pia Fanti (about 10 hours/year).

Occasionally she developed the numerical and experimental laboratory of the following courses:

- in the years 1998-1999, 1999-2000, 2000-2001 and 2001-2002 Automatic Control for the Laurea Course in Mechanical Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Maria Pia Fanti;
- in the years 1998-1999, 1999-2000, 2000-2001 and 2001-2002 Digital Control for the Laurea Course in Electronic Engineering of the first Engineering Faculty of Politecnico di Bari, held by Prof. Biagio Turchiano.

Didactic activity abroad

Teaching activity abroad

She developed the following didactic activity in foreign Universities:

- a.y. 2012-2013, lectures on discrete event systems "Modélisation, Simulation et Optimisation de Systèmes à Evénements Discrets: Applications à la Logistique Hospitalière" (60 hours), PhD course in "Logistique pour la Santé" at Ecole Centrale de Lille, Lille (France);
- a.y. 1998-1999, exercise lectures (15 hours) and development of didactic notes for course "50370 Fuzzy Control and Neural Networks" held by Prof. J. Jantzen, Danish Technical University, Copenhagen (Denmark);
- a.y. 1997-1998, exercise lectures (8 hours) and development of didactic notes for course "50370 Fuzzy Control and Neural Networks" held by Prof. J. Jantzen, Danish Technical University, Copenhagen (Denmark).

Inclusion in program committees of international schools

She was member of the program committee of the following international schools:

- "Soft Computing Summer School in Medicine", organized in September 2000 by the Network of Excellence ERUDIT, funded by the European Commission, held in Aachen, Germany. In the framework of the school she has held a cycle of lectures on Soft Computing;

- “Coil Summer School”, organized in September 2000 by the Cluster COIL, funded by the European Commission, held in Limerick, Ireland. In the framework of the school she has held a cycle of lectures on Soft Computing.

Participation to institutional competition commissions in Italy and Abroad

Participation to Habilitation juries abroad

In 2010 she was member with the role of examinateur of one Habilitation to Direct Research Jury at école Centrale of Lille, France.

Participation to PhD Thesis Committees in Italy and Abroad

In 2022 she was a member of a of a Ph.D. Thesis Committee at the Delft University of Technology, The Netherlands.

In 2020 she was President of the Committee for a PhD Thesis in cotutorship between Politecnico di Bari and Université de Lorraine, Nancy, France.

In 2019 she was member with the role of rapporteur of a PhD Theses Committee at Université Aix-Marseille, France.

In 2019 she was member with the role of examinateur of a PhD Theses Committee at École Centrale of Lille, France.

In 2018 she was member with the role of examiner of a Ph.D. Thesis Committee at the University of Cagliari.

In 2017 she was a member of a of a Ph.D. Thesis Committee at the Norwegian University of Science and Technology (Norway).

In 2015 she has been President of a PhD Theses Committee at École Centrale of Lille, France.

In 2013 she has been member with the role of rapporteur of a PhD Theses Committee at Université Aix-Marseille, France.

In 2010 she has been member with the role of examiner of one PhD Thesis Committee at the Indian Institute of Technology of Roorkee, India.

In 2010 she has been member with the role of rapporteur of two PhD Theses Committees at École Centrale of Lille, France.

In 2007 she has been member with the role of examinateur of one PhD Thesis Committee at École Centrale of Lille, France.

Participation to PhD Admission Committees in Italy

In 2017 she was member of the Evaluation Commission for the admission examination to the Doctorate Course in Electrical and Information Engineering established at Politecnico di Bari (XXXIII cycle).

In 2011 she was replacement member of the Commission for the evaluation of candidates to the admission to the PhD course in “Organizational Development, Work and Innovation of Production Processes” – cycle XXVI.

In 2006 she has been a member of the Evaluation Commission for the admission examination to the Doctorate Course in Electrotechnical Engineering established at Politecnico di Bari (XXII cycle).

Services provided at Politecnico di Bari

Research services

Since June 2017 until October 2021 she was Research Delegate of the Department of Electrical and Information Engineering at Politecnico di Bari.

She has been Vice Chancellor for Research of Politecnico di Bari in 2012-2013

She has been Rector's delegate for research of Politecnico di Bari in 2009-2011.

She is the scientific responsible for the Decision and Control Laboratory at the Department of Electrotechnical and Electronic Engineering of Polytechnic of Bari since 2012 (<http://dei.poliba.it/DEI-it/ricerca/decision-and-control.html>).

She was the technical responsible for the Automatic Control Laboratory at the Department of Electrotechnical and Electronic Engineering of Polytechnic of Bari from 2000 to 2011.

Didactic services

She is the coordinator of the Board of the PhD program in:

- in Industry 4.0 del Politecnico di Bari (interateneo con l'Università degli Studi di Bari Aldo Moro) nel 2019-2022 (cicli dal XXXVI al XXXVII);

She was member of the Board of the PhD program in:

- Electrical Engineering and Information Science of Politecnico di Bari in 2012-2014 (cycles XXVII-XXXIV);
- Organizational Development, Work and Innovation of Production Processes of Politecnico di Bari in 2011 (XXVI cycle);
- Electrotechnical Engineering of Politecnico di Bari in the years 2002-2010 (cycles XVII to XXV);
- Information Engineering of Politecnico di Bari in the years 2001-2010 (cycles XVI to XXV).

In 2014 she promoted, with Prof. A. Giua of University of Aix-Marseille (France) the Erasmus Agreement for students mobility between Politecnico di Bari and University of Aix-Marseille.

From 2010 to 2013 she was the secretary of the Council of professors for the PhD in Information Engineering of Politecnico di Bari.

She has been the secretary of the Council of the Laurea Courses:

- in Information Science Engineering, later called Council of the Laurea Course in Information Science and Automation Engineering, in the a.y. 2000-2001, 2001-2002, 2002-2003;
- in Electronic Engineering, in the a.y. 1998-1999, 1999-2000.

She has been aggregate member of the Commission for State Exams for Engineers at Politecnico di Bari in the following sessions: first and second session of year 2009; first session of year 1999-2000.

She is a member since 2013 of the Commission for the coordination of the programmes of the courses in Electronics Engineering of Politecnico di Bari.

She was a member in 2009-2012 of the Commission for the coordination of the programmes of the courses in Electrical Engineering of Politecnico di Bari.

She was a member of the Commission for the Laurea courses in the Information Engineering area of Politecnico di Bari at the seat of Foggia.

She has been aggregate member of the Commission for the Orienteering Test for future Engineering students at Politecnico di Bari in the year 2003-2004.

She has been a member from 2001 to 2003 of the Commission for E-learning/Campus-one Projects, established by the Council of the Laurea Course in Information Science Engineering of Politecnico di Bari.

She has been a member from 2000 to 2001 of the Commission for the Exams of English Language, established by the Council of the Laurea Course in Information Science Engineering of Politecnico di Bari.

Organizational services

Since September 2016 she is Vice Guarantor for Students of the Politecnico di Bari.

Since March 2016 to March 2017 she was a member of the Quality Presidium of the Politecnico di Bari.

She was member elect of the Academic Senate of Politecnico di Bari from 2012 to 2015.

In the period may-september 2012 she was member of the Board of Directors of Politecnico di Bari.

She was an elected member of the Board of the I Faculty of Engineering of the Bari Polytechnic for the two triennial years 2006-2012.

In 2011 she was member designated by the Academic Senate of the University Commission for the revision of the Statute of Politecnico di Bari according to law 240/2010.

In 2018 she is a member of the Politecnico di Bari commission for the individual assessment of the overall teaching, research and management of professors and permanent researchers for the purpose of awarding the three-year salary class as required by art. 8 of the Law n. 240/2010 and by the D.P.R. n. 232/2011.

In 2010 he is a member designated by the Academic Senate of the Politecnico di Bari of the University Commission for the modification of the distribution regulation of the University Research Fund (FRA).

Since 2005-2013 she is the representative member for Politecnico di Bari of the directional committee of the Agency for Innovation and Internationalization of Enterprises, established in the framework of the Territorial Pact for the North-Bari-Ofanto territory.

In the years 2005-2006 she was a member of the orientation committee of the Specialistic Laurea Course in Automation Engineering of Politecnico di Bari.

In the years 2004-2006 she has been the reference for Politecnico di Bari for the relationships with the Brussels site of CRUI (Conference of the Rectors of Italian Universities).

In the years 2004-2013 she was the reference for Politecnico di Bari for the relationships with the Italian Foreign Commerce Institute.

In the years 2004-2013 she was the reference for Politecnico di Bari for the relationships with the Network for Increasing the Value of University Research.

In 2010 she was member of the Commission for the award of n.2 graduation theses grants to graduating students of Politecnico di Bari.

In 2008 she was member of the Commission for the tender award relative to the Framework Programme Agreement “Scientific Research – I Integrating Act” for the “Pilot Project for the Implementation of Equipment and Services Dedicated to Global Mobility in Technological Areas” and for the “Pilot Project for the Implementation of online services and Campus Card – Supply of services and smart cards”.

In 2008 she has been a member of the Voting Commission for the voting operations aimed at the formation of the Judging Commissions of the procedures for comparative evaluation for the recruitment of University Professor for group II 2007.

She has been replacement member of the Commission for the election of the representatives of the Observatory of Didactics at Politecnico di Bari in the year 2005-2006.

She was representative of the Ph.D. students (XI cycle) of the Doctorate Course in Electrotechnical Engineering established at Politecnico di Bari for the years 1996-1999.

Scientific activity

Research direction

She is the founder and scientific responsible for the Decision and Control Laboratory at the Department of Electrotechnical and Electronic Engineering of Polytechnic of Bari since 2012 (<http://dclab.poliba.it/>). The main objectives of the Decision and Control Laboratory are: the promotion of the results of the scientific research obtained in collaboration with both Public and Private Partners on Regional, National, and International Levels in the field of Automation (09/G1), together with the advancement of technology transfer of these research results.

Activity of research coordination

She coordinated research collaborations with prestigious Italian and international Universities for the Decision and Control Laboratory:

- the research group guided by Prof. Carla Seatzu (University of Cagliari) for studies on modeling and control of transportation systems, and control and management of manufacturing systems. Such a collaboration led to the writing of more than ten scientific papers, to the organization of invited sessions at international congress and to the joint tutoring of a PhD student from the University of Cagliari, Eng. Graziana Cavone;
- the research group guided by Prof. Hammadi (École Centrale of Lille, France) for a study on control and operational management of manufacturing systems, which among other things led to the production of several joint scientific publications, the organization of multiple invited sessions at various international congresses, the participation in a PhD Thesis Committee and the attainment of the Habilitation à Diriger des Recherches at École Centrale of Lille and to the joint tutoring as a thesis co-tutor of two graduating students at Politecnico di Bari, who spent to this aim a research period of several months on these subjects at the École Centrale of Lille;
- research group led by Prof. Sergio Grammatico (Delft University of Technology, Netherlands) for a study of decision and control techniques for energy systems, which led to the organization of the workshop "Energy management for large-scale smart systems", 2015 IEEE Conference on Automation Science and Engineering, Gothenburg, Sweden, the joint organization as a guest editor (with N. Ciulli, Networks) of a special issue of 23 scientific papers and an editorial in the year 2017 in the journal "IEEE Transactions on Automation Science and Engineering "on" Automation and Optimization of Energy Systems", and the joint traineeship and supervising of several Master students;
- research group led by Prof. Bart De Schutter (Delft University of Technology, Netherlands) for a study of decision and control techniques for railway systems, which led to some jointly authored publications and the joint traineeship and supervising of several Master students;
- the research group guided by Professor Alexander Fay (Hamburg Helmut Schmidt University, Germany) in the area of factory automation, which led to two scientific publications;
- research group led by Prof. Bengt Lennartson (Chalmers University, Sweden) for a study on scheduling techniques for automated manufacturing systems, which led to the joint tutoring of a student from the Polytechnic of Bari, who carried out a research period at Chalmers University and is currently PhD student;
- research group led by Prof. Samuel Jia (Tsinghua University, China) on discrete event systems, which led to the joint effort as co-chair of the 2017 IEEE Conference on

Automation Science and Engineering, Xi'an, China and joint organization as guest editor (with S. Reveliotis, Georgiatech, USA) of a special issue with selected works of the conference on the international journal "IEEE Transactions on Automation Science and Engineering", as well as guest editor (with Q.C. Zhao, Tsinghua University, China) of a special issue on the international journal "Discrete Event Dynamic Systems: Theory and Applications" about "Topical Collection on Smart Cities";

- research group led by Prof. Alessandra Parisio (Manchester University, UK) on energy systems, which led to the invitation of Prof. Parisio as visiting professor at the Decision and Control Laboratory of the Polytechnic of Bari (directed by Prof. Dotoli) where Prof. Parisio was visiting from March to July 2018 and the joint writing of publications (in submission);
- research group led by Prof. Alessandro Giua (Aix-Marseille Université AMU, France), which led to the activation of an Erasmus-AMU-Polytechnic Agreement in Bari and the supervision of 3 intern students of AMU at the Decision and Control Laboratory of the Polytechnic of Bari: S. Miled, internship "Innovative distributed control algorithms for smart energy systems", (2 months, 2017); O. Benabdillah, "Optimization and Performance Evaluation of Supply Chain" internship, (2 months, 2015); H. El Kadiri, internship "Modeling, Simulation and Performance Evaluation of Intermodal Transport Systems by Petri Nets", (2 months, 2015).
- research group led by Prof. Antoine Salvatore Tabbone (Université de Nancy, France), which led to the activation of a Double Degree agreement between the Master Degree in Computer Engineering of the DEI-Polytechnic of Bari and the Masters in "Méthodes Informatiques Appliqués à la Gestion des Entreprises (MIAGE) "and" Master Sciences de la Cognition et Applications (MSCA) "(agreement currently in the formalization phase).

Collaborations with national and international research groups

She collaborated with the following national and international research groups:

- research group led by Professor Marek Miskowicz (Crakow University of Science and Technology, Poland) in the area of the control of manufacturing systems;
- the research group guided by Prof. Zhou (New Jersey Institute of Technology di Newark, USA) to a study on control and management of distributed production systems, which among other things led to the production of several scientific publications;
- the research group guided by Prof. Jantzen (Institute of Automation of Danish Technical University of Copenhagen, Denmark) to a study on fuzzy regulators, which among other things led to the production of several scientific publications;
- the research group guided by Prof. Graf v. Keyserlingk (Institute of Anatomy of RWTH University Aachen, Germany) to a study on the application of Soft Computing techniques to medical diagnoses, which among other things led to the production of several scientific publications.
- the research group guided by Prof. Ukovich (University of Trieste) to a study on modeling the hospital system, a research on intermodal logistics with application to inter-port dynamics, as well as a study on the identification and the failure diagnosis of discrete event systems, which among other things led to the production of several scientific publications.

Research topics

The scientific activity addressed mainly the following fields of control and automation (for the sake of brevity we report here the references only to papers on international journals):

1. *Decision support, modeling, simulation, management and control of complex systems.* This activity involved the development of modeling, simulation, decision and control techniques in various application contexts (transport, production, health, energy) with particular applications to: urban and extra-urban mobility systems, mono- and inter-modal logistic systems, smart cities, energy systems, healthcare systems, networks of complex systems, electric market. Numerous advanced algorithms were developed with their ICT application for the analysis, forecast, management and solutions of emerging situations with minimal or reduced human intervention.
2. *Modeling, Simulation, Identification and Fault Diagnosis of Industrial Discrete Event Systems.* With reference to the modeling subject, discrete event models were proposed to describe and control deadlock in transportation and warehouse systems in the manufacturing industry. As for simulation, several models were proposed at an operative model, based on discrete event systems and aimed at the performance evaluation of such systems. In the identification field, the use of the Petri nets formalism was proposed to identify the model of a process that can be modelled as a discrete event system during its dynamical evolution on the basis of different levels of system knowledge. In the area of fault diagnosis, for these systems a diagnoser was proposed that, starting from knowledge of the Petri net model of the system and of its initial state, employs an algorithm based on integer linear programming to decide whether the system behaviour is normal or exhibits some possible faults. On this topic two surveys have been published on the most recent control techniques for industrial systems. Finally, some studies were developed on the analysis and optimization of lean production systems.
3. *Design, Optimization and Performance Evaluation of Supply Chains.* The research proposed a chain configuration strategy based on the specification of various hierarchical levels. The optimization is obtained solving some multi-objective problems with linear integer programming methods as well as with stochastic or fuzzy multi-objective optimization methods, also combined with the game-theory. Moreover, at the operative level several chain models were based on different high-level formalisms belonging to the class of Petri nets and able to optimize and evaluate the performance of the supply chain. In addition, it has been published a work on agent-based modeling and control of critical situations.
4. *Modeling and Control of Transportation networks.* This activity refers both to urban vehicular traffic networks and extraurban transportation networks. As regards the urban traffic, on the one hand, a model was proposed to describe the urban traffic network and the control implemented by semaphoric plans. The discrete event and timed model is modular and is based on coloured Petri nets. On the other hand, the research modelled the traffic network as a discrete time system, considering real aspects of traffic, such as the type of vehicles and the presence of pedestrians. The model is embedded in a real time controller that solves an optimization problem based on the knowledge of suitable measurable inputs and on technical, physical and operative constraints.
5. *Soft Computing Control Techniques.* This research activity addressed the development of innovative controllers based on soft computing techniques, particularly of *fuzzy control systems*, *fuzzy sliding mode* controllers and hybrid *fuzzy-evolutionary* control methodologies for industrial processes.

Supervision of research fellows, PhD students, and master students

Tutoring of PhD students

She is currently tutor of 7 PhD candidates:

- Eng. N. Mignoni, Ph.D. student in Electrical and Information Engineering, Politecnico di Bari, Italy, XXXVII cycle (2021-2024);
- Eng. A. Bozza, Ph.D. student in Electrical and Information Engineering, Politecnico di Bari, Italy, XXXVII cycle (2021-2024);
- Eng. G. Tresca, Ph.D. student in Electrical and Information Engineering, Politecnico di Bari, Italy, XXXVI cycle (2020-2023);
- Eng. B. Askari, Ph.D. student in Electrical and Information Engineering, Politecnico di Bari, Italy, XXXVI cycle (2020-2023);
- Eng. L. Dammacco, Ph.D. student in Industry 4.0, Politecnico di Bari, Italy, XXXVI cycle (2020-2023);
- Eng. S. Proia, Ph.D. student in Industry 4.0, Politecnico di Bari, Italy, XXXVI cycle (2020-2023);
- Eng. P. Scarabaggio, Ph.D. student in Electrical and Information Engineering, Politecnico di Bari, Italy, XXXV cycle (2019-2022), on "Development and implementation of innovative decision and control algorithms for energy efficiency of smart city: Control and management of energy storage systems as integrated elements of the distribution network".

She has also been previously tutor of 5 PhD students:

- Eng. M. Seyed Hosseini, Ph.D. student in Electrical and Information Engineering, Politecnico di Bari, Italy, XXXIII cycle (a.y. 2017-2020), on "Distributed and Decentralized Scheduling and Control of Smart Electrical Energy Systems".
- Eng. G. Cavone, PhD in Electrical and Information Engineering, University of Cagliari, Italy ciclo XXX (a.y. 2014-2017, co-tutor with Prof. C. Seatzu); PhD thesis: "Advanced modeling and control of Intermodal Terminals and Railway systems".
- Eng. G. Ardito, Ph.D. in Mechanical and Management Engineering, Politecnico di Bari, Italy, XXX cycle (a.y. 2014-2017, co-tutor with Prof. N. Costantino); PhD thesis: " An Innovative Decision-making Approach for a Sustainable Building Design".
- Eng. R. Carli, Ph.D. in Electrical and Information Engineering, Politecnico di Bari, Italy XXVIII cycle (years 2013-2015); PhD thesis: "Decision and Control Techniques for Energy Management Systems in Smart Cities".
- Eng. N. Epicoco, Ph.D. in Electrical and Information Engineering, Politecnico di Bari, Italy XXVIII cycle (years 2013-2015); PhD thesis: "Decision and Control Tools for Sustainable Management of Logistics and Transportation Systems".

She actively collaborated to the supervision of PhD students, as witnessed in particular by the numerous publications in collaboration with the following three PhD students:

- Eng. F. Sciancalepore, "Quantitative approaches to supplier selection in uncertain environments", PhD thesis in "Advanced Production Systems", Politecnico di Bari, 2011.
- Eng. G. Iacobellis, "Supply chain modeling and management by high level Petri nets", PhD thesis in "Information Engineering", Politecnico di Bari, 2009.
- Eng. A.M. Mangini, "Identification and Fault Detection of Discrete Event Systems using Petri nets and Integer Linear Programming", PhD Thesis in "Electrotecnics", Politecnico di Bari, 2008.

Tutoring of research fellows

She is or has been tutor of 5 post-doc or post-lauream research fellows in the sector of Automation at Politecnico di Bari:

- R. Carli, post-doc research fellow (sector ING-INF/04 – Automation), 41 months in total, on: “Energy management solutions for building efficiency in the context of smart cities and metropolitan areas”, Politecnico di Bari (29 months) and “Distributed decision and control techniques of industrial processes in the automotive area”, Politecnico di Bari (12 months) (years 2016-2020).
- N. Epicoco, post-doc research fellow (sector ING-INF/04 – Automation), 41 months in total, on: “Decision and control tools for the energy efficiency in the context of smart cities and metropolitan areas”, Politecnico di Bari (29 months) and “Optimization and Nonlinear control techniques for the automotive industrial production”, Politecnico di Bari (12 months) (years 2016-2020).
- G. Cavone, post-doc research fellow (sector ING-INF/04 – Automation), 29 months in total, on: “Energy management solutions for building efficiency in the context of smart cities and metropolitan areas”, Politecnico di Bari (17 months), and “Real time decision and control techniques of automotive industrial processes by model predictive control”, Politecnico di Bari (12 months) (years 2017-2020), together with *post lauream* research fellow (sector ING-INF/04 – Automation), on: “Using ICT for the sustainable management of inter-modal transport systems in smart cities”, Politecnico di Bari (years 2014-2015).
- R. Pellegrino, post-doc research fellow (sector ING-INF/04 – Automation), 48 months on: “Performance indicators in the context of smart cities and metropolitan areas” (24 months), “Decision making techniques for the urban control center of smart cities” (12 months), and “Innovative techniques for the risk management and the automation of risk areas remediation” (12 months), Politecnico di Bari (years 2013-2018).
- S. Visconti, post-lauream research fellow (sector ING-INF/04 – Automation), 12 months on: “Performance indicators for Building Energy Management Systems”, Politecnico di Bari (years 2017-2018).

Finally, she has also actively collaborated to the supervision of a post-doc research fellow of Ecole Centrale de Lille (France), Dr. S. B. Othman, on the themes of control systems engineering and particularly on the decision and control techniques for logistic systems and healthcare systems, as demonstrated by some publications that were coauthored.

Tutoring of graduating students

She was tutor of 3 stagiare students from abroad Universities:

- S. Miled, internship on: “Innovative distributed control algorithms for smart energy systems”, University of Aix-Marseille, France (2 months, spring-summer 2017);
- O. Benabdillah, internship on: “Optimization and Performance Evaluation of Supply Chain”, University of Aix-Marseille, France (2 months, spring-summer 2015);
- H. El Kadiri, internship on: “Modeling, Simulation and Performance Evaluation of Intermodal Transport Systems by Petri Nets”, University of Aix-Marseille, France (2 months, spring-summer 2015).

In 2012-2013 she is the scientific tutor of Eng. Astrid Piconese for the development of a one year research project in collaboration between Politecnico di Bari and Ecole Centrale of Lille (France), titled “Management of discrete event logistics systems”, funded with a research scholarship by Politecnico di Bari.

In 2011 she was the scientific tutor of Eng. Giuliana Rotunno for the development of a one year technology transfer and research project in collaboration with OM Carrelli Elevatori SpA

company located in Modugno (BA), titled “SMMARTT-development of an advanced warehouse model for the reduction of throughput”, funded by the Apulia Region in the framework of POR Puglia 2007 – 2013 Axis IV – Capitale Umano Ritorno al Futuro-Research Scholarships.

She has been the official co-tutor of more than 200 Master Theses at Politecnico di Bari, many of which have been developed in collaboration with co-tutors belonging to institutions and companies of the local regional territory, while three have been developed in collaboration with a co-tutor of a foreign University (École Centrale of Lille, France and Chalmers University, Svezia) and two with a foreign public institution (Bank of Luxembourg, Luxembourg).

In 2014-2015 she was the scientific tutor of students Antonio Palmieri and Annalisa Caradonna for the development of two laurea theses at the Bank of Luxembourg in collaboration between the bank and Politecnico di Bari, on the topic of “Decision techniques for the performance evaluation and selection of suppliers”, funded with a research stage by the Bank of Luxembourg.

She was the University tutor:

- in 2012-2013 for the training and education of Eng. Antonio Lavopa for the development of a six month project in collaboration with BOSCH SpA located in Bari on innovative automotive systems.
- in 2010-2011 for the training and education of Eng. Domenico Cappai, for the development of a six month project in collaboration with PRIMADONNA SpA located in Bitonto (BA), titled “Definition of the principles and ensuing design of an integrated logistic system”.
- in 2007-2008 for the training and education of Eng. Leonardo Pellicani, in the framework of the collaboration between Politecnico di Bari and the company located in Modugno (BA) MEL SYSTEM S.r.l for the Master in “Technological Innovation in Mechatronics-MIMEC” of Politecnico di Bari;
- in 2006-2007 for the training of Eng. Claudia Tortorelli, holding a degree earned at Politecnico di Bari, in the framework of an educational and orientation project with a company located in Bari;
- from July to December 2005 of Eng. Gianfranco Annecca for a post Laurea scholarship on semaphoric control of urban vehicular traffic, at the Department of Electrotechnical and Electronic Engineering of Polytechnic of Bari;
- in 2003-2004 for the training of Eng. Domenico Trisolini, holding a degree earned at Politecnico di Bari, in the framework of an educational and orientation project with a company located in Bari;
- in 2002-2003 for the training and education of the students Mauro Porcelli and Gianfranco Annecca, in the framework of the collaboration between Politecnico di Bari and the Municipality of Bari for designing modeling and control systems for urban traffic.

In 2002-2010 she is an official tutor of numerous students of the Unitary Council of the Information Science Engineering Class of Politecnico di Bari.

Bibliometric indices

The reported bibliometric situation refers to data available in Scopus on February 17th 2022 at <http://www.scopus.com/authid/detail.url?authorId=6603204493>

- Number of papers in Scopus: 202.
- Number of citations in Scopus: 3202.
- Number of citations in Google Scholar: 4870.

- H index in Scopus: 32.
- H index in Google Scholar: 40.

Scientific recognitions

She received from the IEEE Systems Mand and Cybernetics Society (SMCS) the 2021 Outstanding Contribution Award for her service to SMCS as 2016-2020 Editor in Chief of the SMCS enewsletter.

She received from the IEEE Systems Mand and Cybernetics Society (SMCS) the 2021 Award for Most Active SMCS Technical Committee in Systems – Technical Committee (TC) on Intelligent Systems for Human-Aware Sustainability as cochair of the TC.

She achieved the Full professor habilitation according to art. 16 of Italian Law n. 240/2010 for sector 09/G1 Automatica twice (year 2013, october 2014-2020 and year 2016, october 2018-2024).

In the National Research Quality Evaluation:

- VQR 2011-2014 her 2 presented products obtained the maximum score (1,1);
- QR 2004-2010 her 3 presented products obtained the maximum score (1,1,1).

The following papers were nominated as “best paper finalist” as the best contributions of the corresponding conference proceedings:

- A. Piconese, T. Bourdeaud’Huy, M. Dotoli, S. Hammadi, A Revisited Model for the Real Time Traffic Management, ICORES 2014, 3rd International Conference on Operations Research and Enterprise Systems, Angers, France, March 6-8, 2014;
- M. Dotoli, F. Sciancalepore, N. Epicoco, M. Falagario, B. Turchiano, N. Costantino, A Periodic Event Scheduling Approach for Offline Timetable Optimization of Regional Railways , 10th IEEE International Conference on Networking, Sensing and Control (ICNSC2013), Paris, France, April 10-12, 2013;
- N. Costantino, M. Dotoli, M. Falagario, M.P. Fanti, A.M. Mangini, F. Sciancalepore, W. Ukovich, A Model for the Strategic Design of Distribution Networks, Proceedings of the 6th annual IEEE Conference on Automation Science and Engineering (CASE 2010), Toronto, Ontario, Canada, August 21-24, 2010.
- M. Dotoli, M. P. Fanti, An urban traffic network model via coloured timed Petri nets, Proceedings of WODES04 – the 7th IFAC Workshop on Discrete Event Systems, Reims, France, September 22-24, 2004. The work was selected for being published on Control Engineering Practice journal, where it was published in 2006: "M. Dotoli, M.P. Fanti, An Urban Traffic Network Model via Coloured Timed Petri Nets, Control Engineering Practice, Vol. 14, No.10, October 2006, pp. 1213-1229".

In 2012 she was elevated to Senior Member of the international IEEE association (the Institute of Electrical and Electronics Engineers).

Her biography is included in the publications “Who’s Who in the World”, “Who’s Who in Science and Engineering”, “Who’s Who of Emerging Leaders”, “Outstanding Scientists of the 21st Century”, “Leading Scientists of the World”.

She was the recipient of the following scholarships:

- in 1999 of a “Training and Mobility of Researchers” grant of the TMR programme of the European Commission to attend the “International Summer School - Fuzzy Logic Control: Advances in Applications” in Delft, the Netherlands;
- in 1998 of a “Training and Mobility of Researchers” grant of the TMR programme of the European Commission to attend the “International Summer School - Fuzzy Logic Control: Advances in Methodology” in Ferrara, Italy;

- in 1997-1998 of a scholarship for the completion of her PhD studies at the Danish Technical University, in the framework of the programme ERUDIT, the European Network of Excellence for Fuzzy Logic and Uncertainty Modeling in Information Technology, supported by the European Commission DG III Industry-Esprit Programme;
- in 1996 of a NATO Scholarship for the attendance to the “NATO Advanced Study Institute on Soft Computing and its Applications” in Antalya (Turkey);
- in 1995 of a three-years Ph.D. scholarship in Electrotechnical Engineering at Politecnico di Bari (classification: first);
- in 1995 of an ERASMUS programme scholarship for the year 1994-95, for having obtained, as a student of Politecnico di Bari, the best results of the year; in particular, the scholarship was received at the Paris 7 University in Paris, as a stagier at LAFORIA (Laboratoire Formes et Intelligence Artificielle), where she prepared her Master Thesis on fuzzy logic, under the tutoring of Prof. B. Bouchon-Meunier.

Editorial activity

She is Senior Editor for the term 2021-2025 of the international journal “IEEE Transactions on Automation Science and Engineering”.

Since 2016 to 2020 she was Editor in chief of the international newsletter “IEEE Systems Man and Cybernetics Society eNewsletter”.

For the term 2016-2022 she is an Associate Editor of the international journal “IEEE Transactions on Systems Man and Cybernetics: Systems”.

For the term 2016-2021 she was an Associate Editor of the international journal “IEEE Transactions on Control Systems Technology”.

For the terms 2012-2016 and 2018-2020 she was an Associate Editor of the international journal “IEEE Transactions on Automation Science and Engineering”.

For the term 2015-2018 she was an Associate Editor of the international journal “IEEE Robotics and Automation Letters”.

She is guest editor (with Q.-S. Jia e Q.C. Zhao) of the upcoming (in 2022) special issue of the international journal “Discrete Event Dynamic Systems: Theory and Applications” on “Topical Collection on Smart Cities”.

She is guest editor (with M.Robba e M. Paolucci) of the 2021 special issue of the international journal “IEEE Transactions on Automation Science and Engineering” on “Advances in automation and optimization for the integration of electric vehicles in electrical and transportation networks”.

She is guest editor (with S. Reveliotis e Q.-S. Jia) of the special issue of the international journal “IEEE Transactions on Automation Science and Engineering” on “Best papers of the 2017 IEEE Conference on Automation Science and Engineering”.

She is guest editor (with S. Grammatico and N. Ciulli) of a special issue published in 2017 of the international journal “IEEE Transactions on Automation Science and Engineering” on “Automation and Optimization of Energy Systems”.

She is guest editor (with M.P. Fanti) of the international volume “Dependable Control of Discrete Systems”, in IFAC Proceedings Volumes, Elsevier, 2010, ISBN 978-3-902661-44-9.

She is guest editor (with M.P. Fanti, J.-M. Faure, and J. Zaytoon) of a special issue published in 2010-2011 of the international journal “Control Engineering Practice” on “Dependable Control of Discrete Systems”.

She is author or co-author of 275 printed publications, including (see the publication list at the end of this document):

- 1 book in Italian;
- 75 papers on international journals;
- 6 papers on national journals;

- 14 chapters of international books;
- 173 papers in the proceedings of international conferences;
- 4 papers in the proceedings of national conferences;
- 1 PhD thesis;
- 1 Laurea degree thesis.

Moreover, she produced numerous theoretical, exercise and numeric laboratory didactical lecture notes for the following courses: Fundamentals of Automatic Control, Automatic Control Systems, Nonlinear Control, Systems Analysis, Dynamic Systems Theory, MATLAB Applications, and Control Systems in in numerous Laurea courses of Politecnico di Bari, at:

<http://climeg.poliba.it/course/view.php?id=178>, <http://climeg.poliba.it/course/view.php?id=225>,
<http://climeg.poliba.it/course/view.php?id=242>, <http://climeg.poliba.it/course/view.php?id=249>,
<http://e-learning.poliba.it/course/view.php?id=74>.

She is cochair since 2020 of the Technical Committee of the IEEE Systems Man and Cybernetics Society (SMCS) on Intelligent Systems for Human-Aware Sustainability.

She is since 2017 Vice Chair for Social Media of the Technical Committee on Discrete and Hybrid Event Systems of the International Federation of Automatic Control (member since 2011).

She is a member since 2017 of the Technical Committee on Smart Cities of the International Federation of Automatic Control.

She is a member since 2016 of the Technical Committee on Transportation Systems of the International Federation of Automatic Control.

She is since 2019 the Vice Chair of the IEEE Systems Man and Cybernetics Society Technical Committee on Intelligent Systems To Human-Aware Sustainability.

She is a member since 2017 of the Technical Committee on Planning and Control of Transportation and Logistic Networks of the IEEE Intelligent Transportation Systems Society (previously TC on Logistics).

She is a member since 2007 of the IEEE Systems Man and Cybernetics Society Technical Committee on Discrete Event Systems.

She is a member since 2005 of the IEEE Control Systems Society Technical Committee on Discrete Event Systems.

She is a member since 2015 of the “Workshop Oversight Committee” of the IEEE Robotics and Automation Society.

She is a member since 2014 of the “Industrial Automated Systems and Control” subcommittee of the Technical Committee on Factory Automation of the IEEE Industrial Electronic Society.

Invited talks

International invited talks

- M. Dotoli, “A Survey on Petri Nets Models for Logistics and Transportation Systems: A Focus on Freight Transport”, invited talk in the 2021 tutorial series of the a IEEE Control Systems Society Technical Committee on Discrete Event Systems, 1 hour, May 20 2021;
- M. Dotoli, “Optimal control strategies to mitigate the COVID-19 outbreak in a multi-region scenario”, Invited Lecture of the IEEE SMC Italian Chapter Virtual Lecture Series on “Smart, PErvasive and Mobile Systems Engineering”, On-line, February 26, 2021, 1 hour.
- M. Dotoli, “Using Petri nets to model logistics and transportation systems”, invited talk at the workshop “Applications of discrete event systems”, at the 23rd IEEE International Conference on Emerging Technologies and Factory Automation (IEEE ETFA 2018), 0.5 hours, September 4, 2018;

- M. Dotoli, “Multi Criteria Decision Making Techniques: Deterministic and Fuzzy Approaches”, invited talk at the 4th Summer School on Fuzzy Logic and Applications - SFLA 2018, 2 hours, Bari, June 28, 2018;
- M. Dotoli, “Decentralized and Distributed Optimization for Energy Scheduling of Interconnected Smart Homes”, invited lectures at the Summer School on Energy Management and fuel cell systems, 8 hours, July 4-6, 2017, Université de technologie de Belfort-Montbéliard, Belfort (Francia);
- M. Dotoli, “A Survey on Petri Nets Models for Logistics and Transportation Systems”, invited talk at the Osaka University, Graduate School of Engineering, 2 hours, December 15, 2015;
- M. Dotoli, “A survey on Petri nets models for logistics and transportation systems”, invited talk at the workshop “Petri nets applications”, at the 11th IEEE International Conference on Automation Science and Engineering (IEEE CASE 2015), 1 hour, August 24, 2015;
- M. Dotoli: “Fuzzy Logic and Control for Medical Applications”, invited lectures at the “Soft Computing Summer School in Medicine”, Network of Excellence ERUDIT, funded by the ESPRIT program of the European Commission, 10 hours, September 18-22, 2000, Rheinisch-Westfaelische Technische Hochschule, Aachen, Germania;
- M. Dotoli, “A Fuzzy Control Course on the Internet”, invited lectures at the Summer School of COIL-Cluster of Excellence Networks funded by the European Commission, 10 h, August 28 – September 3, 2000.

National invited talks

- M. Dotoli, “Efficienza energetica in edifici scolastici/universitari nell’approccio dei centri urbani di controllo”, Workshop “Sinergie: benessere ed efficienza energetica, scuola e cittadini”, 26 November 2018, Conversano (BA).
- M. Dotoli, “Viviamo in un mondo automatico: presentazione, prospettive, esperienze della hidden technology”, Workshop “L’ICT non è roba da donne?”, 9 November 2018, Pisa.
- M. Dotoli, “L’Ingegneria dell’Automazione”, “Concorso Associazione Culturale Accademia Vitale Giordano – II Edizione”, 15 October 2018, Bitonto (BAT).
- M. Dotoli, “ICT per lo sviluppo sostenibile e integrato delle città: smartness e resilienza”, Workshop “SmartLandItalia2018: Reti, Imprese, Governance”, 19 June 2018, Bari.
- M. Dotoli, “Veicoli elettrici: Le tendenze attuali dei sistemi di gestione e controllo”, Giornata di studio ACI-Bari-BAT sull’auto elettrica, 24 May 2018, Bari.
- M. Dotoli, “Le tendenze attuali nell’applicazione di automatica e telematica per i sistemi di trasporto intelligente”, 71st conference on traffic and circulation, ACI, June 13, 2017, Roma.
- M. Dotoli, “Best practice dal territorio: Efficienza energetica negli edifici pubblici”, November 16, 2016, Conversano (BA), Panel discussion on the public building energy efficiency.
- M. Dotoli, “Indicatori di smart mobility”, September 19, 2014, Bari, 1st Workshop of the LivingLabs Semina project for managing and monitoring the sustainable mobility in the city of Bari.
- M. Dotoli, “La progettazione dell’Urban Control Center di una Smart City per il monitoraggio e la gestione energetico-ambientale della città”, March 27, 2014, Napoli, Smart City Med Napoli 2014.

- M. Dotoli, “Gli Indicatori Urbani per la Misurazione delle Performance e il Supporto alle Attività Decisionali e di Programmazione della Smart City”, December 2-3, 2013, Bari, Green City Energy Bari 2013.
- M. Dotoli, “Tecniche ICT per l’Ottimizzazione Sostenibile del Trasporto Merci Intermodale: Applicazione a un Caso Studio di Terminal Ferro-Gomma della Città di Bari”, December 2-3, 2013, Bari, Green City Energy Bari 2013.
- M. Dotoli, “Il Benessere Equo e Sostenibile fra Urban Control Center e supporto alle attività decisionali e di programmazione di una smart city”, November 29, 2013, CNEL, Roma, Workshop Ideas and Projects for the development of Urbes and Smart City 2013, ISTAT.
- M. Dotoli, “Le nuove tecnologie dell’informazione e comunicazione per la mobilità intelligente e sostenibile”, May 13, 2013, Bari, Workshop on the conscious use of vehicles ACI-Bari-BAT.
- M. Dotoli, “Il Robot, un aiuto per te”, February 23, 2013, Bari, Regional Congress on rare diseases.
- M. Dotoli, “Sistemi ICT per l’Ottimizzazione del Trasporto Comodale”, November 12, 2012, Bari, Green City Energy Med Bari 2012 - Forum on the development of the Smart City in the Mediterranean Area.

Coordination of research projects

Coordination of international projects

- 2012-2013 research project in collaboration between Politecnico di Bari and Ecole Centrale de Lille (France), on "Management of discrete event logistics systems", funded by Politecnico di Bari 13k€, 12 months, Scientific coordinator.
- 2001-2004 EUNITE, European Network of Excellence for Intelligent Technologies and Smart Adaptive Systems, funded by the European Commission, Information Society Technologies (IST) Program of the del Fifth and Sixth Framework Program, 1215k€, 48 mesi, Key Node Reference. Tale The project has been funded on the basis of a competitive announcement of the European Commision considering a peer-reviewing.
- 2000-2001, ERUDIT II, European Network of Excellence for Uncertainty Techniques, funded by the European Commission, ESPRIT Programme of the 5th framework programme, 500 k€, 24 months, Steering Committee Member. The project has been funded on the basis of a competitive announcement of the European Commision considering a peer-reviewing.
- 1998-1999, ERUDIT, European Network of Excellence for Fuzzy Logic and Uncertainty Modeling in Information Technology, funded by the European Commission, ESPRIT Programme of the 5th framework programme, 580 k€, 24 months, Steering Committee Member. The project has been funded on the basis of a competitive announcement of the European Commision considering a peer-reviewing.

Coordination of national projects

November 2012-October 2015 Scientific Coordinator of the “Urban Control Center” of Partner Politecnico di Bari funded by MIUR (Italian Ministry of Education, University, and Research) in the framework “PON Ricerca e Competitività 2007-2013 Smart Cities and Communities - RES NOVAE - Networks, Building, Roads, New Virtuous Objectives for Environment and Energy” about 620 k€, 36 months, in collaboration with the companies: Tera SRL, e-distribuzione and IBM, and Municipality of Bari. The project has been funded on the basis of a competitive announcement of the MIUR considering a peer-reviewing.

Coordination of regional projects

- 2016-2018, project UCCSM-An Urban Control Center for monitoring the energetic flows of Apulian municipalities, funded by the Apulia Region call for “Regional Technological Clusters for innovation”, about 2200k€ (about 490k€ Politecnico di Bari), 24 months, Scientific Coordinator of partner Politecnico di Bari, in collaboration with the companies SIM-NT, TERA SRL, and e-Distribuzione;
- 2013-2014, project “SEMINA-Advanced systems for Smart Mobility in Agile Urban Networks”, funded by the Puglia Region under Apulian Living Labs call, 130 k€, 12 months, Scientific Coordinator, in collaboration with the companies PLANETEK and M&CNIL, and the Municipality of Bari.
- 2012-2014, project "MIND-MINe Detection", funded by the Puglia Region under regional partnerships call, 145k€, 18 months, Scientific Coordinator, in collaboration with the companies Le Gemme SpA, NEP Srl, Cavalera Sistemi Srl.
- 2011 research and technology transfer project with the OM Carrelli Elevatori SpA company located in Modugno (BA), titles “SMMARTT- development of an advanced warehouse model for the reduction of throughput”, funded by the Apulia Region in the framework of Ritorno al Futuro programme- POR Puglia 2007 – 2013 Asse IV – Capitale Umano, 19 k€, 12 months, as coordinator.

Coordination of University research projects

- 2016, research project “Techniques for monitoring, control, and managing of energy flows in the metropolitan Smart City” funded by the University Research Fund (ex 60%) of Politecnico di Bari, 1 k€, 12 months, scientific coordinator.
- 2012, research project “Decision Support Systems for the sustainable management of logistics and mono-, multi-, inter-, and co-modal transportation systems” funded by the University Research Fund (ex 60%) of Politecnico di Bari, 3.6 k€, 12 months, scientific coordinator.
- 2011, research project “Distribution Systems Design under Uncertainty”, funded by the University Research Fund (ex 60%) of Politecnico di Bari, 1 k€, 12 months, scientific coordinator.
- 2008, research project “Research voucher for the making of free of charge consulting actions to SMEs in the framework of Made in Italy” entitles “SPAI (Supply and Purchasing via Artificial Intelligence): support to decisions for purchasing management” funded by Politecnico di Bari in the framework of PON “Project NILO – Puglia Network of the ILOs of the state Universities of Puglia”, 5 k€, 1 month, scientific coordinator.
- 2004, research project “Methodologies for Dynamic Control of Urban Traffic”, funded by the University Research Fund (ex 60%) of Politecnico di Bari, 5 K€, as a coordinator;
- 1999, research project “Techniques for Intelligent Control of Nonlinear Processes”, funded by the Young Researchers University Fund of Politecnico di Bari, 2.5 K€, as a coordinator.

Participation to research projects

Participation to International Research Projects

Beyond the already recalled projects she took part in the following international research programmes:

- in the years 1999–2002 she is the reference for action “C4 - education” of COIL, the Computational Intelligence and Learning Cluster funded by the European Commission;

Participation to National Research Projects

Beyond the already recalled projects that she coordinated, she took part in the following national research programmes:

- project PICO&PRO (Integrated and connected processes for the industrial production evolution), funded by the Italian Ministry for Education, University and Research (MIUR) in the context of the National Research Program 2015-2020 for the development of smart manufacturing;
- project RAFAEL (System for risk Analysis and Forecast for critical infrastructure in the ApenninEs dorsal Regions), funded by the Italian Ministry for Education, University and Research (MIUR) in the context of the National Research Program 2015-2020 for critical infrastructure risk management and forecast in South Italy.2010-2013;
- project “ERMES- Enhance Risk Management through Extended Sensor” research project, funded by the research and competitiveness PON (National Operative Programme) 2007/2013, Responsible Prof. Gianfranco Avitabile of Politecnico di Bari, call D.D. prot. 01/Ric. of 18/01/2010.
- 2010-2013, project “LAMRECOR – Advanced Logistics for the Mobility of people and freight: mathematical models and tests for new protocols of correspondance delivery” research project, funded by the research and competitiveness PON (National Operative Programme) 2007/2013, Responsible Prof. Mario Armenise of Politecnico di Bari, call D.D. prot. 01/Ric. of 18/01/2010.
- 2002-2005, project “SIDART – Integrated system for artistic goods diagnosis” research project, funded by the PON (National Operative Programme) 2002/2005 programme, Responsible Prof. Giuseppe Acciani of Politecnico di Bari (since 2002);
- 2000-2006, project “LISAR – Intersectorial Scientific Laboratory of Automation and Robotics” research project, funded by the PON (National Operative Programme) 2000/2006 programme “Scientific Research, Technological Development, Higher Education”, Responsible Prof. Bruno Maione of Politecnico di Bari (since 2000).
- 2000-2006, project “Heavy Duty - Project of Innovative System for Heavy-Duty engines” research project, funded by the PON (National Operative Programme) 2000/2006 programme “Scientific Research, Technological Development, Higher Education”, Responsible Prof. Bernardo Fortunato of Politecnico di Bari (since 2000);
- 2007-2009, project COFIN-PRIN ex MURST 40% project funded by the Italian Ministry of Scientific and Technological Research “Decision models for design and management of logistic networks characterized by high interoperability and information integration” (2007-2009, local coordinator Prof. M.P. Fanti, national coordinator Prof. R. Minciardi);
- 2005-2007, project COFIN-PRIN ex MURST 40% project funded by the Italian Ministry of Scientific and Technological Research “Analysis, optimization, and coordination of logistic and production systems” (2005-2007, local coordinator Prof. M.P. Fanti, national coordinator Prof. R. Minciardi);
- 2003-2005, project COFIN-PRIN ex MURST 40% project funded by the Italian Ministry of Scientific and Technological Research “Models for the optimization, control and coordination of distributed production systems” (2003-2005, local coordinator Prof. F. Nicolò, national coordinator Prof. R. Minciardi);

- 1999, project COFIN-PRIN ex MURST 40% project funded by the Italian Ministry of Scientific and Technological Research “System control with autonomous agents” (1999, local coordinator Prof. B. Maione, national coordinator Prof. F. Nicolò);
- 1997-1998, project COFIN-PRIN ex MURST 40% project funded by the Italian Ministry of Scientific and Technological Research “Autocoordination of autonomous agents” (1997-1998, local coordinator Prof. B. Maione, national coordinator Prof. F. Nicolò);
- 1996, project COFIN-PRIN ex MURST 40% project funded by the Italian Ministry of Scientific and Technological Research “Integrated management of autonomous production agents” (1996, local coordinator Prof. B. Maione, national coordinator Prof. F. Nicolò).

Participation to regional research project

Beyond the already recalled projects she took part in the following regional research programmes:

- 2008-2009, project “Modeling and control of logistic systems with high information integration”, funded by Fondazione Caripuglia, coordinator Prof. Maria Pia Fanti, Politecnico di Bari;
- 2006 explorative project for scientific research “Realization of an Automated Online Testbed for Failure Diagnosis in the Production of Oleodynamic Cylinders of Various Sizes”-C.I.P. PE_010, scientific coordinator Prof. Andrea Dadone, Politecnico di Bari;
- 2004, PRAI-Puglia (Bioparco) project, in the framework of the Innovation Actions Programme of the Puglia Region – Programme for the innovation and improvement of the industry-research relationship by way of biotechnologies in the Puglia region P.I.R.P. – Innovation Actions FESR2000-2006.

Participation to University research projects

Beyond the already recalled projects she took part in the following University research programmes:

- 2001, research project “Multi-agent control”, funded by the University Research Fund (ex 60%) of Politecnico di Bari (coordinator Prof. B. Maione).
- 1999, research project “Modeling and control of hybrid systems: theory and applications”, funded by the University Research Fund (ex 60%) of Politecnico di Bari (coordinator Prof. B. Maione);
- 1997, research project “Modeling and control of hybrid systems” (coordinator Prof. B. Maione), funded by the University Research Fund (ex 60%) of Politecnico di Bari.

Responsibility of research studies and collaborations with public and private stakeholders

Responsibility of research studies with foreign stakeholders

2014-2015: Coordinator of the scientific research "Research on Suppliers Selection in Tenders for Public Procurement" assigned by the Banque Centrale du Luxembourg (BCL) on the application of decision making techniques to the public procurement tenders, 12 months.

The research was about the study and application of decision making techniques to the optimal selection of suppliers in public procurement tenders.

The research took place in 6 phases: 1. bibliographic research; 2. Analysis of the Analytical Hierarchy Process (AHP), Preference Organization Ranking METHoD for Enrichment of Evaluations (PROMETHEE), Multi-Attribute Utility Theory (MAUT); 3. analysis of the

methods used by BCL and called BCL1 and BCL2 techniques; 4. analysis of the differences between the aforementioned methods; 5. application to case studies provided by BCL; 6. conclusions: advantages and limitations of the different methods.

The Procurement section of BCL, after a period of testing, began to apply the AHP methodology suggested by the studies carried out at that time with the research group and at the moment does not foresee any changes.

Responsibility of research studies with Italian stakeholders

2020-2024: Coordinator of the scientific research on the re-engineering of the logistics processes at Electric80, Viano (RE, Italy), 48 months, 60k€.

The consulting activities were aimed at:

- analyzing the company logistic processes and the management methods adopted;
- defining adequate dynamic models to simulate and evaluate the performance of logistic processes;
- analyzing and comparing the simulation models of the company logistic system with the current situation of the company;
- using simulation models developed as a tool to support decision-making phases in logistics.

2016-2017: Coordinator of the scientific research on the re-engineering of the logistics and production processes at the Dreamproject SpA, Barletta (Italy), 12 months, 40k€.

The consulting activities were aimed at:

- analyzing the company processes and the management methods adopted;
- defining adequate dynamic models to simulate and evaluate the performance of business processes;
- analyzing and comparing the simulation models of the company system with the current situation of the company;
- using simulation models developed as a tool to support decision-making phases.

The consultancy was organized according to the following activities:

OR1. Business auditing, analysis and coding of business processes

OR2. Identification of the state of the art of technology

OR3. Analysis of company gaps

OR4. Support to the definition of company requirements (to-be)

The final results of the consultancy were several company models represented with activity diagrams using the Unified Modeling Language (UML) or with Petri nets using both classical and colored Petri nets, as well as an analysis of criticalities by the Genba Shikumi decision-making technique, a classic method of lean manufacturing.

2012-2013: Coordinator of the scientific research on the development of decision support systems for the automation of an intermodal logistic terminal at the GTS (General Transport Service) S.p.A., Bari (Italy), 24 months, 24k€, financed as part of the project "Integrated and digital logistics supply chain", Apulia Region call for the provision of "Aid for the dissemination of information and communication technologies in SME networks".

The consultancy focused on the implementation and development of innovative and customized IT solutions to support the monitoring and management of the main business operational variables. In particular, the action was aimed at allowing an integrated management of information, so as to optimize resources and planning and execution activities of the intermodal transport of the load units (ITUs or Intermodal Transport Units), providing IT tools to support the activities logistics in order to achieve an optimal organizational and management cost-effectiveness.

The consultancy was organized according to the following activities:

- Activity 0: Auditing of "G.T.S. - General Transport Service S.p.A. "company, Bari;

- Activity 1: Analysis and coding of business processes (as-is);
- Activity 2: Identification of the state of the art technology;
- Activity 3: Analysis of the gaps;
- Activity 4: Support to the definition of company requirements (to-be);
- Activity 5: Implementation of new business processes (to-be).

The final results of the consultancy were different company models represented with activity diagrams using the Unified Modeling Language (UML) or with Petri nets using both classical models and hybrid Petri nets, as well as an analysis of criticalities made through the decision-making technique Genba Shikumi, a classic method of lean manufacturing.

Collaborations with Italian stakeholders

She collaborated with the following authorities and enterprises of the territory:

- ICAM Srl, a company that produces automatic warehouses, for the optimization of automatic warehouses;
- Tera srl, a SME developing ICT solutions for the research projects UCCSM and RES NOVAE;
- SIM NT srl, a SME developing ICT solutions for the research project UCCSM;
- IBM, world leader company in the computers industry, in the research project RES NOVAE for the realization of an urban control center for the energy management of Smart Cities;
- Enel distribution, the largest electricity operator in Italy and Europe's second listed utility for installed capacity, for the research project RES NOVAE on the definition of energy scheduling techniques in the smart home;
- Planetek in Bari, a company Italian leader in ICT for the use of geo-localized data, for a research project on the management and automation of urban mobility of passengers;
- Tangari S.r.l., located in Corato (BA), a company producing handicrafts and sacred furnishings that is leader in Italy, for a research project on the management and automation of the internal company logistics;
- South Eastern Railways and Car Services S.r.l., the major Italian public regional railway network, research project on the optimization of train scheduling off line and in real time;
- Divella S.p.A. located in Rutigliano (BA), a food production company that is world leader in the area of pasta production, for a research project on the management and automation of warehouse logistics;
- Cannillo S.r.l. located in Corato (BA), a company active in the area of food products commerce, for a research project on integrated logistics as a support to the purchasing, distribution and re-purchasing activities, in the framework of the cold chain;
- Primadonna S.p.A. located in Bitonto (BA), a shoe production company that is world leader in the sector of low cost fashion shoe production, for a research project on the implementation of an automated warehouse;
- OM Carrelli Elevatori S.p.A. located in Modugno (BA), a metalmechanic company that is world leader in the forklift trucks production sector, for a research project on analysis and optimization of enterprise logistics;
- the Bari General Hospital for a study on modeling, management and optimization techniques of the flows of patients, drugs as well as doctor and nursing staff, which among other things led to the co-tutoring of several graduating students of Politecnico di Bari;
- the Department of Environment and Urban Mobility of the Municipality of Bari for a study on traffic regulation techniques in congested urban areas by semaphoric elements,

which among other things led to the co-tutoring of several graduating students of Politecnico di Bari;

- Ferrovie dello Stato (State Railways, seat of Bari) to a preliminary study on modeling and managing the railway traffic, which among other things led to the co-tutoring of one graduating student of Politecnico di Bari;
- Bosch-Elasis of Bari to a study on modeling and controlling a turbocharged Diesel engine, which among other things led to the co-tutoring of one graduating student of Politecnico di Bari;
- the Fiat Research Centre of Bari to a study on modeling and controlling injection for a Diesel engine, which among other things led to the co-tutoring of several graduating students of Politecnico di Bari and to the participation to a POR research project of the Italian Region Apulia;
- Pirelli Cables SpA of Giovinazzo (Bari) to a study for industry automation, which among other things led to the production of one scientific paper and to the co-tutoring of one graduating student of Politecnico di Bari;
- companies Edilportale (Bari) and Rotice (Manfredonia, Foggia) to a study for the estimate and management of transaction costs, which among other things led to the presentation of a research project to the Italian Region Apulia;
- Elsag enterprise (Bari) to a study for the application of RFID technologies for the control and management of vehicle fleets, which among other things led to the presentation of a POR research project to the Italian Region Apulia;
- ITIA (Institute of Industrial Technologies and Automation)-CNR of Milan to a study for the automation of flexible manufacturing systems.

Organization of international and national scientific events

Organization responsibilities

General chair of the international conferences:

- CASE2024, 2024 annual IEEE Conference on Automation Science and Engineering, Bari, Italy, August 2024.
- MED2021, 2021 annual Mediterranean Conference on Control and Automation, Bari, Italy, June 2021.

Program chair of the international conference:

- CASE2020, 2020 annual IEEE Conference on Automation Science and Engineering, Hong Kong, China, August 2020.

Program co-chair of the international conferences:

- CODIT2020, 7th IEEE International Conference on Control, Decision and Information Technologies, Prague, Czech Republic, June 2020.
- CASE2017, 2017 annual IEEE Conference on Automation Science and Engineering, Xi'an, China, August 2017.

Publicity chair of the following international conferences:

- SMC2020, 2020 annual IEEE Conference on Systems, Man, and Cybernetics, Toronto, Canada, October 2020;
- CASE2019, 2019 annual IEEE Conference on Automation Science and Engineering, Vancouver, Canada, August 2019;

Publication chair of the following international conferences:

- CODIT'22, 8th IEEE International Conference on Control, Decision and Information Technologies, Istanbul, Turkey, May 17-20, 2022.

- CODIT'19, 6th IEEE International Conference on Control, Decision and Information Technologies, Paris, France, April 23-26, 2019.
 - CODIT'18, 5th IEEE International Conference on Control, Decision and Information Technologies, Thessaloniki, Greece, April 10-13, 2018.
- Workshop and tutorial chair* of the international conference:
- 2015 annual IEEE Conference on Automation Science and Engineering (CASE 2015), Gothenburg, Sweden, August 2015.
- Special session cochair* of the international conferences:
- 2013 18th annual IEEE Conference on Emerging Technology and Factory Automation (ETFA 2013), Cagliari, Italy, September 2013.
 - WHCM'2010, the IEEE Workshop on Health Care Management, Venice, Italy, February 2010.
- Steering Committee Member* of the following international conferences:
- IEEE CASE, annual IEEE Conference on Automation Science and Engineering.
 - MED, annual Mediterranean Conference on Control and Automation.
- Member of the Conference Editorial Board* of the following international conferences:
- CASE2019, 2019 annual IEEE Conference on Automation Science and Engineering, Vancouver, Canada, Agosto 2019 (Editor in charge for track Manufacturing Automation and Automation for Energy Efficiency and Editor in charge for track Tutorials and Workshops);
 - ETFA2018, 23rd annual IEEE Conference on Emerging Technology and Factory Automation, Torino, Italia, Settembre 2018 (chair of track 4 Automated Manufacturing Systems);
 - WODES2018, 14th International Workshop on Discrete Event Systems (WODES 2018), Sorrento, Italia, Maggio-Giugno 2018 (chair of track on Demonstrator Papers).
- Member of the Awards Committee* of international conference:
- CASE2018, 2018 annual IEEE Conference on Automation Science and Engineering, Munich, Germany, August 2018;
- Chair* of the National Organizational Committee of the international congress:
- 2009 2nd IFAC Workshop on Dependable Control of Discrete Systems, Bari, Italy, June 2009.
- Member of the National Organizational Committee of the international congress:
- 110th International Conference of the Italian Electrical Association (AEIT 2018), Bari, Italia, Ottobre 2018.
- Member of the scientific committee 2018 of the award “Fabrizio Flacco Young Author Best Paper Award” of the Italian chapter of the IEEE Robotics and Automation Society which awards young researchers that have published papers on the society journals.
- Member of the Awards Committee of the national congress:
- Automatica.it 2016, National Congress of the Italian Researchers in Automatic Control, Rome, Italy, September 2016.
- Member of the National Organizing Committee of the national congress:
- Automatica.it 2015, National Congress of the Italian Researchers in Automatic Control, Bari, Italy, September 2015.
- Coordinator of the Technical and Organizational Secretariat of the National Symposium “Biotechnologies, Research and Development: institutions and enterprises design the future” organized in 2004 by Politecnico di Bari.

Membership to international program committees and editorial activity at conferences

She is or was Associate Editor for the following 22 international conferences:

1. MED2022, 2022 annual Mediterranean Conference on Control and Automation, Atene, Grecia, Giugno 2022.
2. WODES'22, the Workshop on Discrete Event Systems, Prague, Czech Republic, September 7-8, 2022.
3. ECC 2022, 20th European Control Conference, London, United Kingdom, July 12-15, 2022;
4. ECC 2021, 19th European Control Conference, Rotterdam, The Netherlands, June 29-July 2, 2021;
5. CTS 2021, 16th IFAC Symposium on Control in Transportation Systems, June 8-10, 2021, Lille, France;
6. IFAC 2020 World Congress, July 12-17, 2020, Berlin, Germany;
7. ECC 2020, 18th European Control Conference, Saint Petersburg, Russia, May 12-15, 2020;
8. ECC 2019, 17th European Control Conference, June 25-28, 2019, Naples, Italy;
9. SMC2018, 2020 annual IEEE Conference on Systems, Man, and Cybernetics, Miyazaki, Japan, October 2020;
10. CASE2018, 2018 annual IEEE Conference on Automation Science and Engineering, Munich, Germany, August 2018;
11. ECC 2018, 16th European Control Conference, June 12-15, 2018, Limassol, Cyprus;
12. CTS 2018, 15th IFAC Symposium on Control in Transportation Systems, June 6-8, 2018, Savona, Italy;
13. CASE2017, 2017 annual IEEE Conference on Automation Science and Engineering, Xi'an, Cina, August 2017;
14. IFAC 2017 World Congress, July 9-14, 2017, Toulouse, France;
15. CTS 2016, 14th IFAC Symposium on Control in Transportation Systems, May 18-20, 2016, Istanbul, Turkey;
16. CASE2016, 2016 annual IEEE Conference on Automation Science and Engineering, Forth Worth, USA, August 2016;
17. ECC 2016, 15th European Control Conference, June 29-July 1, 2016, Aalborg, Denmark;
18. CASE2015, 2015 annual IEEE Conference on Automation Science and Engineering, Gothenburg, Sweden, August 2015;
19. ICRA2015, 2015 IEEE International conference on Robotics and Automation (ICRA 2015), May 26-30, 2015, Seattle, USA.
20. ECC 2015, 14th European Control Conference, July 15-17, 2015, Linz, Austria.
21. ICRA2014, 2014 IEEE International conference on Robotics and Automation (ICRA 2014), May 31 - June 7, 2014, Hong Kong, China.
22. ECC 2014, 13th European Control Conference, June 24-27, 2014, Strasbourg, France.

She is or was member of the International Program Committee of the following 86 international Conferences and Symposia:

1. 25th International Conference on System Theory, Control and Computing (ICSTCC 2021), Iasi, Romania, October 20-23, 2019.
2. INCOM 2021, the 17th IFAC Symposium on Information Control Problems in Manufacturing (INCOM 2021), Budapest, Hungary, June 7-9, 2021;
3. 13th International Conference Modeling & Simulation (MOSIM 2020), Agadir, Morocco, November 2020;
4. 6th International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS 2020), Prague, Czech Republic, 2-4 May 2020;

5. 1st International Conference on Intelligent Systems and Devices (IC2ISD'20), Catania-Italy, June 24-26, 2020.
6. 15th International Workshop on Discrete Event Systems (WODES 2020), Rio de Janeiro, Brasile, 13-15 Maggio 2020;
7. First IEEE international conference on Measurement, Instrumentation, Control and Automation (ICMICA 2020), Kurukshetra, India, 2-4 April 2020.
8. 23rd International Conference on System Theory, Control and Computing (ICSTCC 2019), Sinaia, Romania, October 9-11, 2019.
9. 2019 24th annual IEEE Conference on Emerging Technology and Factory Automation (ETFAs 2019), Saragozza, Spagna, 10-13 Settembre 2019;
10. 8th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2019), Nice, France, 28 Luglio – 1 Agosto 2019;
11. 5th International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS 2019), Heraklion, Greece, 3-5 May 2019;
12. 12th International Conference Modeling & Simulation (MOSIM 2018), Toulouse, France, Giugno 2018;
13. 22nd International Conference on System Theory, Control and Computing (ICSTCC 2018), Sinaia, Romania, October 10-12, 2018.
14. 14th International Workshop on Discrete Event Systems (WODES 2018), Sorrento, Italia, Maggio-Giugno 2018;
15. 7th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2018), Barcellona, Spagna, 22-26 Giugno 2018;
16. INCOM 2018, The 2018 IFAC Symposium on Information Control in Manufacturing (INCOM 2018), Bergamo, Italy, June 11-13 2018;
17. 4th International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS 2018), Funchal, Portugal, 16-18 March 2018;
18. 2017 IEEE International Conference on Systems Man and Cybernetics, Banff, Canada, October 2017;
19. 2017 IFAC World Congress, Toulouse, France, 9-14 July 2017;
20. 2017 IEEE International Conference on Service Operations and Logistics and Informatics (SOLI 2017), Bari, Italy, 18-20 September 2016;
21. 2017 22nd annual IEEE Conference on Emerging Technology and Factory Automation (ETFAs 2017), Lymassol, Cyprus, 12-15 September 2017;
22. 2017 IEEE International Conference on Networking, Sensing and Control (ICNSC), Calabria, Italy, May 16-18, 2017;
23. 6th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2017), Venezia, Italy, 25-29 June 2017;
24. 2017 4th International Conference on Control, Decision and Information Technologies (CoDIT'17), Barcelona, Spain, April 5-7, 2017;
25. 3rd International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS 2017), Porto, Portugal, 23-24 April 2017;
26. ICCAT'2017, 2017 International Conference on Computer Applications & Technology, Cairo, Egypt, January 2017;
27. 11th International Conference Modeling & Simulation (MOSIM 2016), Montreal, Canada, August 2016;
28. 2016 21th annual IEEE Conference on Emerging Technology and Factory Automation (ETFAs 2016), Berlin, Germany, 6-9 September 2016;
29. 2nd International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS 2016), Rome, Italy, 23-24 April 2016;

30. 5th International Conference on Smart Cities, Systems, Devices and Technologies (SMART 2016), Valencia, Spain, 12-26 May 2016;
31. 14th IFAC Symposium on Control in Transportation Systems (CTS 2016), Istanbul, Turkey, 18-20 May 2016;
32. 13th International Workshop on Discrete Event Systems (WODES 2016), Xi'an, Cina, May-June 2016;
33. 2016 8th IFAC Conference on Manufacturing Modelling, Management and Control, Troyes, France, June 2016;
34. ICCAT'2015, 2015 International Conference on Computer Applications & Technology, Rome, Italy, November 2015;
35. 2015 International Conference on Knowledge Management and Information Sharing (KMIS 2015), Lisboa, Portugal, October 2015;
36. 2015 20th annual IEEE Conference on Emerging Technology and Factory Automation (ETFa 2015), Luxembourg, September 2015;
37. 5th IFAC Conference on Analysis and Design of Hybrid Systems (ADHS 2015), Atlanta, USA, October 2015;
38. 2015 5th IFAC Workshop on Dependable Control of Discrete Systems, Guadalajara, Mexico, May 2015;
39. INCOM 2015, The 2015 IFAC Symposium on Information Control in Manufacturing (INCOM 2015), Ottawa, Canada, May 11-13 2015;
40. INISTA 2015, 2015 International Symposium on INnovations in Intelligent SysTems and Applications, September 2-4, 2015, Madrid, Spain;
41. ICAAM 2015, 2015 International Conference on Control Automation&Applied Mechanics, July 26-28, 2015, Istanbul, Turkey;
42. CIE45, 2015 International Conference on Computers&Industrial Engineering, October 28-30, 2015, Metz, France;
43. 10th International Conference Modeling & Simulation (MOSIM 2014), Nancy, France, November 2014;
44. 12th International Workshop on Discrete Event Systems (WODES 2014), Paris-Cachan, France, May 2014;
45. 2014 International Conference on Knowledge Management and Information Sharing (KMIS 2014), Rome Italy, October 2014;
46. 2014 19th annual IEEE Conference on Emerging Technology and Factory Automation (ETFa 2014), Barcelona, Spain, September 2014;
47. 2013 3rd IFAC International Conference on Intelligent Control and Automation Science (ICONS 2013), Chengdu, Cina, September 2013;
48. 2013 18th annual IEEE Conference on Emerging Technology and Factory Automation (ETFa 2013), Cagliari, Italy, September 2013;
49. 2013 International Conference on Knowledge Management and Information Sharing (KMIS 2013), Vilamoura, Portuogal, September 2013;
50. 2013 4th IFAC Workshop on Dependable Control of Discrete Systems, York, UK, September 2013;
51. 2013 IEEE Symposium on Computational Intelligence in Control and Automation (CICA2013), Singapore, April 2013;
52. 2012 International Conference on Fuzzy Theory and Its Applications (iFUZZY 2012), Taichung, Taiwan, November 16-18, 2012;
53. 2012 IEEE Conference on Control, Systems and Industrial Informatics (ICCSII2012), Bandung, Indonesia, September 2012;
54. 2012 International Conference on Knowledge Management and Information Sharing (KMIS 2012), Barcelona, Spain, October 2012;

55. 2012 17th annual IEEE Conference on Emerging Technology and Factory Automation (ETFAs 2012), Cracovia, Poland, September 2012;
56. 2012 8th International Conference on Intelligent Computing (ICIC2012), Huangshan, Cina, August 2012;
57. 2012 2nd International Conference on Electric Information and Control Engineering (ICEICE2012), Lushan, China, April 2012;
58. 2012 IEEE International Conference on Networking, Sensing and Control (ICNSC), Beijing, China, April 11-14, 2012;
59. 11th International Workshop on Discrete Event Systems (WODES 2012), Guadalajara, Mexico, October 3-5, 2012;
60. 9th International Conference Modeling & Simulation (MOSIM 2012), Bordeaux, France, June 2012;
61. 2011 IEEE International Conference on Systems Man and Cybernetics, Anchorage, USA, October 2011;
62. 2011 International Conference on Knowledge Management and Information Sharing (KMIS 2011), Paris, France, October 2011;
63. 2011 16th annual IEEE Conference on Emerging Technology and Factory Automation (ETFAs 2011), Toulouse, France, September 2011;
64. 2011 7th International Conference on Intelligent Computing (ICIC2011), Zhengzhou, China, August 2011;
65. 2011 3rd IFAC Workshop on Dependable Control of Discrete Systems, Saarbruecken, Germany, June 2011;
66. 2011 IEEE Symposium on Computational Intelligence in Control and Automation (CICA2011), Paris, France, April 2011;
67. 2010 International Conference on Knowledge Management and Information Sharing (KMIS 2010), Valencia, Spain, October 2010;
68. 2010 IEEE International Conference on Systems Man and Cybernetics, Istanbul, Turkey, October 2010;
69. 6th annual IEEE Conference on Automation Science and Engineering (CASE 2010), Toronto, Canada, August 2010;
70. 2010 IEEE International Conference on Mechatronics and Automation (ICMA 2010), Xi'an, China, August 2010;
71. 2009 International Conference on Knowledge Management and Information Sharing (KMIS 2009), Madeira, Portugal, October 2009;
72. 2009 International Conference on Intelligent Computing (ICIC2009), Ulsan, Korea, September 2009;
73. 2009 IEEE Symposium on Computational Intelligence in Control and Automation (CICA2009), Nashville, USA, March-April 2009;
74. LT'09, the International Workshop on Logistics and Transportation 2009, Sousse, Tunisia, March 2009;
75. 9th International Conference on Intelligent Systems Design and Applications (ISDA 2009), Pisa, Italy, December 2009.
76. 2008 IEEE International Conference on Systems Man and Cybernetics, Singapore, October 2008;
77. First International Workshop on Nonlinear Dynamics and Synchronization (INDS'08), July 2008, Klagenfurt, Austria;
78. Workshop on Petri Nets and Agile Manufacturing – Satellite workshop of ATPN'08 and ACS'D'08 – (Xi'an, China), June 2008;
79. 2007 IEEE International Conference on Systems Man and Cybernetics, Montréal, Canada, October 2007;

80. 2007 International Conference on Intelligent Computing, Qingdao, China, August 2007;
81. LT'07, the International Workshop on Logistics and Transportation 2007, Sousse, Tunisia, November 2007;
82. 2006 IEEE International Conference on Systems Man and Cybernetics, Taipei, Taiwan, October 2006;
83. LT'06, the International Workshop on Logistics and Transportation 2006, Hammamet, Tunisia, May 2006;
84. ESIT'2000, the European Symposium on Intelligent Techniques, Aachen, Germany, September 2000;
85. EUFIT'99, the European Congress on Intelligent Techniques and Soft Computing, Aachen Germany, September 1999;
86. ESIT'99, the European Symposium on Intelligent Techniques, Creta, Greece, June 1999.

She was member of the Program Committee of the national congress:

- Automatica.it 2016, Convegno Nazionale dei Ricercatori di Automatica, Rome, Italy, Settembre 2016.

Invited sessions organization

She has been the organizer of the following 16 invited sessions of international Conferences and Symposia:

1. "Control for Smart Cities" 21st IFAC World Congress, Berlin, July 12-17, 2020;
2. "Formal Methods applied to Transportation and Industry 4.0" IEEEESMC'2019, International Conference on Systems, Man and Cybernetics, Bari, Italy, October 2019;
3. "Formal Methods applied to Transportation and Industry 4.0" CODIT'19, 6th IEEE International Conference on Control, Decision and Information Technologies, Paris, France, April 23-26, 2019;
4. "Innovative Decision and Control Approaches for Smart Factories and Supply Chains", 2018 annual IEEE Conference on Automation Science and Engineering (CASE 2018), Munich, Germany, 20-24 August 2018;
5. "Planning, scheduling, and coordination of logistics and transportation systems", 15th IFAC Symposium on Control in Transportation Systems (CTS 2018), Savona, Italy, 6-8 June 2018;
6. "Planning, scheduling, coordination, and allocation of resources in logistics and transportation systems", 2017 IEEE International Conference on Service Operations and Logistics and Informatics (SOLI 2017), Bari, Italy, 18-20 September 2017;
7. "Automation and Optimization for Energy Systems", 2017 IEEE International Conference on Networking, Sensing and Control (ICNSC2017), Calabria, Italy, May 16-18, 2017;
8. "Discrete event process mining/identification", WODES'2014, 12th IFAC International Workshop on Discrete Event Systems, Paris-Cachan, France, May, 2014;
9. "Control, State Estimation, and Diagnosis of Discrete Event Systems", IEEECDC'2013, Conference on Decision and Control, Firenze, Italy, December 2013;
10. "Petri Nets: Theory and Applications" IEEECASE'2011, Conference on Automation Science and Engineering, Trieste, Italy, August 2011;
11. "Design and Control of Discrete Event and Hybrid Systems" IEEEESMC'2008, International Conference on Systems, Man and Cybernetics, Singapore, October 2008;
12. "Petri Nets for Modeling and Control" ANIPLA'2006, International Congress on Methodologies for Emerging Technologies in Automation, Rome, Italy, November 2006;

13. “Supply Chain Modeling and Management” CESA’2006, Multiconference on “Computational Engineering in Systems Applications”, Pechino, China, October 2006;
14. “Scheduling and Transportation Systems” CESA’2006, Multiconference on “Computational Engineering in Systems Applications”, Pechino, China, October 2006.
15. “Supply chain Management” LT’06, the International Workshop on Logistics and Transportation 2006, Hammamet, Tunisia, May 2006;
16. “Distance Learning: a hands-on lesson in Fuzzy Control” EUFIT’99, European Congress on Fuzzy and Intelligent Technologies, ELITE Foundation, Aachen, Germany, September 1999.

Workshops organization

She has been the organizer of the following workshops of international Conferences and Symposia:

- “Petri nets applications”, 2015 annual IEEE Conference on Automation Science and Engineering (CASE 2015), Gothenburg, Svezia, Agosto 2015 (in collaboration with Prof. Carla Seatzu);
- “Energy management for large-scale smart systems”, 2015 annual IEEE Conference on Automation Science and Engineering (CASE 2015), Gothenburg, Svezia, Agosto 2015 (in collaboration with Dr. Sergio Grammatico).

Publication list

She is author or co-author of 275 printed publications, listed in the sequel, including:

- 1 book in Italian;
- 75 papers on international journals;
- 6 papers on national journals;
- 14 chapters of international books;
- 173 papers in the proceedings of international conferences;
- 4 papers in the proceedings of national conferences;
- 1 PhD thesis;
- 1 Laurea degree thesis.

She has also been presenter of numerous of these publications at international conferences.

Moreover, about 10% of these publications were coauthored in collaboration with authors affiliated to Universities or organizations located outside Italy.

Books

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PhD Thesis

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Laurea Thesis

- [t2] M. Dotoli, Elementi di Arbitrarietà nel Controllo Fuzzy, Tesi di Laurea in Ingegneria Elettronica del Politecnico di Bari, Bari, Luglio 1995.

Professional activity

Technology transfer activity

Since 2012 she is the founding partner of the spinoff company of Politecnico di Bari INNOLAB S.r.l. The services provided by the INNOLAB s.r.l. spin-off of Politecnico di Bari are consulting for technology transfer in the following areas: production processes optimization; company logistics optimization; human resource organization and compagnie reorganization (work organization, resources optimization); low interest/facilitated financing in the areas of public funding for industrial research and innovation at a regional, national, European Community level. The spin-off Innolab provides consulences for various SMEs of the Apulian Region in the above reported Automation topics.

Since 2016 she is a member of the Scientific and Technical Committee of the Apulia Region Productive District on renewable energy and energy efficiency. The Scientifical and Technical Committee has as main mission the definition and periodic updating of the development program for the District, with the aim of supporting energy efficiency actions for the Apulian Region.

In 2014-2019 she was member of the Regional Section in the National board of the environment managers of the Apulian Region.

Since 2013 she is a member of the Vehicle Traffic and Circulation Commission of Automobile Club of the Bari BAT Province.

Since 2011 she is member of the Orientation Committee of ARTI Apulia (Regional agency for Technology and Innovation). The Orientation Committee has proactive and advisory functions on the strategic and programmatic choices of the Agency and identifies the sectors of interest for the development of technological innovation in Puglia. In particular, the Orientation Committee contributes to the identification of the strategic guidelines for the preparation of the Regional Plan of the Puglia Region for the Development of Research and Innovation and for the annual review of the same.

In 2017 she has been member of the work group created by Confindustria Bari and BAT on smart cities, with the mission of conducting a feasibility study for the redevelopment project of the south waterfront of the city of Bari.

In 2006 she was the coordinator of the workgroup established from the Agency for Innovation and Internationalization of Enterprises, established in the framework of the Territorial Pact for the North-Bari-Ofanto territory, with the aim of conducting a pilot action of technology transfer between the research University system and the local SME system. The pilot action aimed at facilitating the technology transfer process between the university research system and the local SME system through the analysis of the management and production processes of a manufacturing company located in the North Barese area, the COFRA of Barletta (BAT), by the research group coordinated by Prof. Dotoli and composed of industrial, managerial and electronic engineers.

Evaluation activity

Since october 2015 she is member of the Evaluation Committee of the School of Fine Arts of Bari, Italy.

Since many years she works as an expert in the evaluation of research and innovation projects for numerous regional, national and international bodies and institutions:

- From 2015 to 2019 she was member of the Evaluation Committee of the Accademia delle Belle Arti of Bari, Italy.

- 2012 she was appointed expert by the Italian Ministry for Economic Development for the in-itinere evaluation of industrial innovation projects in the framework of the Industry 2015 Call.
- in 2012-2013 she was appointed expert by the Italian Ministry for Research for the ex-ante evaluation of the CNR (National Research Council) research projects in the framework of the call "Italian Flagship Project La Fabbrica del Futuro".
- in 2009 she was appointed expert by the Italian Ministry for Economic Development for the evaluation of pre-competitive development projects in the framework of law 46/82 F.I.T. (Technological Innovation Fund).
- in 2009 she was appointed expert by the Italian Ministry for Education, University and Research for the evaluation of PRIN 2008 research projects of national interest in the area 09 – Industrial and information engineering presented for funding at the same Ministry (Minister Decree 4 December 2008 prot. n. 1407/Ric/2008).
- In 2003-2019 she is expert consultant for the European Commission in the framework of international projects evaluation under the European Union 6th and 7th Framework Programmes and Horizon2020 for the DG-Research and the DG-Information Society, for the Research Executive Area.
- In 2019-2021 she is expert member of the College of External reviewers of the European Science Foundation.
- Since 2019 she is expert consultant for the National Center for Science and Technology of the Slovak Republic of the Kazakistan Republic.
- Since 2018 she is expert consultant for the Research Agency established by the Ministry of Education, Science, Research and Sport of the Slovak Republic.
- In 2009-2010 she is expert consultant for the Research Promotion Foundation (RPF) of Cyprus founded by the Government of the Republic of Cyprus under the 2009-2010 RPF's Framework Programme for Research, Technological Development and Innovation
- Since 2011 she is expert nominated by various Italian Regions (Puglia, Marche, Piemonte, Sardegna, Trentino Alto Adige) for the evaluation of research projects, development, and technological innovation.
- In 1999-2000 she has been expert consultant for CIRP (the Apulian Regional Inter-Universities Consortium) for the technical and scientific evaluation of research projects in the framework of the funds POP PUGLIA 94-99, Sottomisura 7.4.1.

Other activities

Activity of Commissioner in Public Tenders

- In 2019 she has been member of two Commissions of public competition for the coverage of 2 positions at the public waste management company AMIU PUGLIA SPA.
- In 2015 she has been member of the Commission of public competition for the coverage of n. 1 position of Administrative Instructor for permanent contracts cat. D at the "Monte dei Poveri" Public Service of Rutigliano.
- In 2014 she was a member of the committee for the public selection of 3 ingeneers in the Apulia Hydraulic Authority.
- In 2010 she was a member of the Public Competition Commission for the coverage of no. 2 surveyors (cat. C) for an indefinite period and part-time at 50% at the Municipality of Rutigliano.
- In 2009 she was a member of the committee for the public tender called for by the Municipalità of Comune di Cassano delle Murge (BA) for the supply of equipment for a multimedia and praphic laboratory and for an audio-video production laboratory.

Activity of Coordinator of Safety for public organizations

In 2004 she has been Operations Director as Coordinator of Safety in the Executive Phase with regard to the Extraordinary Maintenance Works of the Covered Market of Viale Lazio at the San Paolo Quarter (Bari) as a trust professional of the Municipality of Bari – Department Public Constructions.

Activity of Consultant

- Since 2002 she is consultant as a trust professional for the Bari Tribunal, penal and civil sections, particularly for the Bari section and for the detached sections of Rutigliano and Putignano.
- Since 2001 she collaborates as a trust professional with the Professional Study Offices Avv. Chiaia Noya of Bari and Avv. Falagarino of Bari.
- In 2000-2002 she collaborated as a trust professional with the Professional Study Office Eng. De Venuto and Associates of Bari.

Extra-University Didactic Activity

- In 2004 she held a cycle of 15 hours of lecture at the State Technical Industrial Institute Sen. Onofrio Januzzi of Andria (BA) in the framework of the course for continuing education of teachers “Advance software in a mathematical environment: Matlab”.
- In 2003-2004 she held a cycle of 56 hours of lecture at the location of Valenzano (BA) of the Fiat Research Center in the framework of the higher education course for “Highly qualified Researcher in mechatronics” funded by the PON program “Research, Technological Development, Higher Education” 2002-2006, law 593/2000 Art.12 Objective 1.
- In 1999-2000 she developed didactic activities at the State Technical Industrial Institute Sen. Onofrio Januzzi of Andria (BA) in the framework of the higher education and technical qualification (IFTS) course “High performance assembly automatic systems”, funded by the Italian Ministry for Education, University and Scientific Research.
- In 1996-2000 she developed didactic activities in the framework of Masters and specialization courses held at the CSEI Innovation Management Center of Bari.

Membership to professional organizations

- She is member since 2020 of the Board of Governors of the IEEE Systems Man and Cybernetics Society of IEEE (the Institute of Electrical and Electronics Engineers).
- She is member since 1996 (senior member since 2012) of the prominent international association IEEE (the Institute of Electrical and Electronics Engineers), and in particular of the Italian IEEE section, as well as of the IEEE societies Control Systems, Systems Man and Cybernetics and Robotics and Automation. She is vice-president of the IEEE central and southern section of the Systems, Man and Cybernetics society. She has been President of the IEEE Student Branch of Bari in the years 1996-1998.
- She is member since 2006 of the SIDRA association (Italian Society of Professors and Researchers in Automatic Control), earlier named CIRA (Interuniversity Research Center on Automatic Control). She was member of CIRA in the period 1996-2006..
- She is member since 2005 of CNIT (Italian National Interuniversity Consortium for Telecommunications).
- Since May 2011 she is included at n. 170 in the Register of the experts in technological innovation of the Italian Ministry for Economical Development, sectors “Automation and instrumentation” and “Computer Science” since May 11th 2009.

- Since February 2, 2012 she is included in the MIUR (Italian Ministry for Education, University and scientific Research) Register of the FAR (Fund for Supports to Research) experts defined by article 7, comma 1, of the July 27th 1999 Italian Law n.297.
- Since May 11, 2010 she is included in the Register of the experts evaluators of technological research and developments projects of ARTI (Regional Agency for Technology and Innovation) of Apulia Region, area 09 “Industrial and Computing Engineering”.
- Since May 13, 1997 she is included at n. 5342 in the Register of the Bari Province Order of Engineers.
- Since June 22, 2000 she is included at n. 1977 in the Register of the Technical Consultants of the Tribunal of Bari.

Aware of penal sanctions, in the case of false declarations, training or use of false deeds, referred to in art. 76 of the D.P.R. 445/2000, the undersigned Mariagrazia Dotoli, born in Bari on 06/30/1971, residing in Via Vincenzo de Romita n. 22 CAP 70121 Bari, declares in accordance with articles 46 and 47 of the D.P.R. n. 445 of 28/12/2000 that the above is true and reserves the right to prove specific qualifications upon request by means of appropriate documentation. It also provides explicit formal consent to the processing of personal data, pursuant to Legislative Decree 196/2003.

Bari, February 17th 2022
Prof. Eng. Mariagrazia Dotoli

