

# V. SURACI

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## EDUCATION

**Università degli Studi di Roma “La Sapienza”** Rome, Italy Ph.D. in Systems Engineering  
2007 Thesis: Study of the application of control theory algorithms to telecommunications science problems (Connection Admission Control and Routing) in next generation networks Advisor: Prof. Francesco Delli Priscoli

**Università degli Studi di Roma “La Sapienza”** Rome, Italy State Examination (Esame di Stato) 2004 Qualification: Professional Engineer Certification

**Università degli Studi di Roma “La Sapienza”** Rome, Italy Master's Degree (Laurea Quinquennale) in Computer Engineering 2004 Major: Computer Science, Telecommunications, Management Thesis: "Service Discovery in Pervasive Systems" Grade: 110/110 cum laude

**Liceo Scientifico Statale “Louis Pasteur”** Rome, Italy High School Diploma (Diploma di Liceo Scientifico) 1997 Major: Experimental Informatics Grade: 60/60 cum laude

## AWARDS AND HONORS

### Patents

- Canale, S.; Delli Priscoli, F.; Mignanti, S.; Sassano, A.; Suraci, V. “Method for the personalized enjoyment of digital transmissions, and relevant system” Patent Cooperation Treaty Application, December 2013. WO2013190586 (A1) — 2013-12-27. International Patent: G06F17/30; H04N21/442; H04N21/466; H04N21/658.
- Biscuola O., Canale S., Chianese Y., Suraci V. “Dynamic pricing for electric vehicle charging”, Application number 102021000031844. The patent, filed on December 20, 2021, falls under the G06Q classification, which generally refers to data processing and commerce systems and methods, suggesting that the invention concerns a method or system for dynamically determining electric vehicle charging rates.

### Standards

- The inter-MAC protocol, designed and prototyped in the context of WP5 of the OMEGA project, became an IEEE standard. IEEE Std 1905.1™ Standard for a Convergent Digital Home Network for Heterogeneous Technologies was approved by the IEEE-SA Standards Board on March 6, 2013, and published on April 12, 2013.

## TEACHING EXPERIENCE

**Università degli Studi eCampus** Novedrate, Italy Associate Professor 2016 – Present. Professor of Advanced Control Systems and Distributed Control Systems.

**Università degli Studi eCampus** Novedrate, Rome, Messina, Bari, Italy Researcher 2010 – 2016. Course Instructor for Industrial Automation, Advanced Control Systems and Distributed Control Systems.

**Università degli Studi eCampus** Novedrate, Rome, Messina, Bari, Italy Instructor, Didattica di sistemi di controllo, 2013, Responsible: Prof. Carlo Maria Bartolini

**Università di Roma “Sapienza”, DIAG – Dipartimento di Ingegneria Informatica Automatica e Gestionale** Rome, Italy Instructor, Corso di Automazione I, 2013 – 2024. Responsible: Prof. Alessandro De Luca

**Università degli Studi eCampus** Novedrate, Rome, Messina, Bari, Italy Instructor, Analisi e controllo dei sistemi, 2013 – 2018. Responsible: Prof. Carlo Maria Bartolini

**Università degli Studi eCampus** Novedrate, Rome, Messina, Bari, Italy Instructor, Gestione dei sistemi di generazione distribuita, 2011 – 2018. Responsible: Prof. Carlo Maria Bartolini

**Università degli Studi eCampus** Novedrate, Rome, Messina, Bari, Italy Instructor, Fondamenti di Automatica, 2011 – 2018. Responsible: Prof. Carlo Maria Bartolini

**Università degli Studi eCampus** Novedrate, Rome, Messina, Bari, Italy Instructor, Analisi e modellistica dei sistemi, 2010 – 2018. Responsible: Prof. Carlo Maria Bartolini

**Università degli Studi eCampus** Novedrate, Rome, Messina, Bari, Italy Instructor, Automazione Industriale, 2010 – Present. Responsible: Prof. Carlo Maria Bartolini

**Università degli Studi eCampus** Novedrate, Rome, Messina, Italy Instructor, Modellistica e Simulazione, 2010 – Present. Responsible: Prof. Carlo Maria Bartolini

**Università degli Studi di Roma “La Sapienza”, DIAG – Dipartimento di Ingegneria Informatica Automatica e Gestionale** Rome, Italy Research Fellow (Assegno di Ricerca in Ingegneria dei Sistemi) 2008 – 2010 Description: Control and management of resources, services, and content in telecommunication networks Supervisor: Prof. Francesco Delli Priscoli

**Università di Roma “Sapienza”, DIAG – Dipartimento di Ingegneria Informatica Automatica e Gestionale** Rome, Italy Instructor, Modulo di Automazione II, 2012 – 2013. Responsible: Prof. Salvatore Monaco

**Università di Roma “Sapienza”, DIAG – Dipartimento di Ingegneria Informatica Automatica e Gestionale** Rome, Italy Instructor, Modulo di Automazione I, 2011. Responsible: Prof. Alessandro De Luca

**Università di Roma “Sapienza”, DIS – Dipartimento di Informatica e Sistemistica** Rome, Italy Instructor, Controllo e Gestione delle Reti I, 2005 – 2010. Responsible: Prof. Francesco Delli Priscoli

**Università di Roma “Sapienza”, DIS – Dipartimento di Informatica e Sistemistica Rome, Italy** Instructor, Controllo e Gestione delle Reti II, 2005 – 2010. Responsible: Prof. Francesco Delli Priscoli

**Città militare Checcignola** Instructor, Master in Telecomunicazioni I e II livello, 2006. Responsible: Prof. Francesco Delli Priscoli

## **TEACHING INTERESTS**

I'm a professor, a researcher and an engineer. My research and development interests are to develop and to adapt advanced control and operational research theories to solve challenging and emerging engineering problems: Customer experience evaluation, QoE/QoS cognitive control, Future Internet & 5G networks design, resource planning, connection admission control, best access technologies selection, convergence of heterogeneous networks and resource discovery/composition. I have a wide experience in the field of applied research and research projects management. Since 2005 I managed several European IP/STREP research projects (CHARGE ADVISOR, IMAGES, DIADALOS, P2P-Next, OMEGA, MICIE, COCKPIT-CI, FIWARE, FICORE, BONVOYAGE) in the field of FP6, Celtic, Artemis, FP7, H2020 and HorizonEurope research programmes.

## **LEADERSHIP AND SERVICE**

Member of the Master's Degree Admissions Committee since 2018

Member of the Joint Faculty-Student Committee since 2016

European Project Coordinator (“Charge Advisor” project, in 2015)

European projects Workpackage leader (WP5 of the “OMEGA” project, from 2008 to 2010)

IEEE Member since 2005

## **PROFESSIONAL EXPERIENCE**

Università di Roma “la sapienza”, dipartimento di informatica e sistemistica Rome, Italy project manager, european project atena (h2020 - cooperation program) 2016 – 2018

- coordinated a research team of 4 phd students and 2 research fellows.
- contributed to the development of feedback control system algorithms for security, privacy, and dependability in critical infrastructures.

Applied research to technologies (ares2t) s.r.l. Rome, Italy project coordinator, european project charge advisor (fp7 - cooperation program) june 2015 – present

- coordinated the charge advisor european project, a sub-grant agreement of the five-year european project fiware/ficore.
- coordinated the research and development team composed of 3 phd students, 2 research fellows, and 3 engineers.

- managed the technical, administrative, and financial aspects of the project budget.

CRAT, consorzio di ricerca nell'automtica e nelle telecomunicazioni (crat), università di Roma "la sapienza", dipartimento di informatica e sistemistica Rome, Italy project manager, european project bonvoyage (h2020 - cooperation program) may 2015 – april 2018

- coordinated all research and project management activities.
- coordinated a research team of 4 phd students and 2 research fellows.
- coordinated task 2.2 activities regarding the design of the bonvoyage project architecture.
- managed the administrative and financial aspects of the project budget for the crat partner.
- simulated, designed, and implemented control algorithms based on wardrop equilibrium and model predictive control for real-time planning and control of goods and physical persons routing on multi-modal transport networks.

Università di Roma "la sapienza", dipartimento di informatica e sistemistica Rome, Italy project manager, european projects fiware and ficore (fp7 - cooperation program) september 2010 – august 2016

- wrote technical sections of project wp2 and wp7.
- managed the technical aspects of workpackage 7.
- managed the administrative and financial aspects of the project budget for the uniroma1 partner (fi-ware €300k - fi-core €180k).
- contributed to the definition of the architecture and specifications of the future internet core platform, particularly defining and designing interfaces for qoe and cloud resource management.

CRAT, consorzio di ricerca nell'automtica e nelle telecomunicazioni (crat), università di Roma "la sapienza", dipartimento di informatica e sistemistica Rome, Italy project manager, italian project platino (miur pon01\_007) july 2012 – june 2015

- coordinated the writing of the entire technical specification.
- collaborated on technical management.
- simulated and designed the implementation of procedures and algorithms for managing heterogeneous cloud resources and quality of experience.
- contributed to the design of simulation and execution software for resource discovery and resource management algorithms for cloud resources and quality of experience control.

Università di Roma "la sapienza", dipartimento di informatica e sistemistica Rome, Italy project manager, european project nshield (fp7 - artemis program) february 2012 – january 2015

- contributed to the definition and implementation of a service discovery and composition platform for composing and controlling security functionalities in complex systems within the nshield project.

Università di Roma "la sapienza", dipartimento di informatica e sistemistica Rome, Italy project manager, european project pshield (fp7 - artemis program) september 2010

- studied and designed distributed algorithms and cross-layer mechanisms for monitoring and managing resources in heterogeneous networks within the pshield project.

CRAT, consorzio per la ricerca nell' automatica e nelle telecomunicazioni Rome, Italy project manager, european project micie (fp7 - cooperation program) september 2008

- developed a distributed framework for secure sensitive data sharing.
- designed and developed a "secure mediation gateway" software component for real-time semantic information retrieval relevant to preventing critical infrastructure failures (energy, telecommunications, transport).
- designed and developed a bayes network-based algorithm for real-time risk analysis and mitigation actions in case of service failures in critical infrastructures.

CRAT, consorzio per la ricerca nell' automatica e nelle telecomunicazioni Rome, Italy project manager, european project omega (fp7 - cooperation program) january 2008

- conceived, created, wrote, and managed the ip project on "network of the future" within the first call of the information and communication technologies (ict) sector of the seventh framework programme of the european community.
- involved and coordinated consortium partners (including orange - france telecom, telefonica, siemens, thomson, infineon, ihp).
- managed the technical, administrative, and financial aspects of proposal writing and submission.
- participated in hearings in Brussels on june 26, 2007, to defend innovative project ideas before the european commission.
- managed the "negotiation" phase and contract signing.
- project objective: design and implement a high-speed domestic access network without installing new infrastructure. interoperability of radio (wifi, uwb, and 60ghz), optical (hybrid wireless optics), and plc (power line communication) technologies with convergence below layer 3 (inter-mac). guaranteed qos and support for next-generation services (hdtv, p2ptv, etc.).
- technical coordination of wp5, responsible for designing and developing inter-mac protocol control algorithms, which became an iee standard in 2013.

CRAT, consorzio per la ricerca nell' automatica e nelle telecomunicazioni Rome, Italy collaborator, european project p2pnext (fp7 - cooperation program) january 2008

- organized and technically managed the european p2pnext project for multimedia content discovery in peer-to-peer networks.

Università di Roma "la sapienza", dipartimento di informatica e sistemistica Rome, Italy project manager, european project daidalos ii (fp6 - cooperation program) january 2006 – june 2008

- organized and technically managed the european daidalos ii project.
- technical coordination of a task force of 7 members (1 researcher, 3 phd students, 3 thesis students).
- designed and implemented a hardware-independent (java) and thin-client architecture (installable on pdas and latest generation mobile phones) capable of performing service/content discovery, context-aware, based on semantic service description (using ontologies), and compatible with common protocols: slp, upnp, bluetooth, web services, etc..

Università di Roma “la sapienza”, dipartimento di informatica e sistemistica Rome, Italy project manager, european project images (fp6 - celtics program) 2005 – 2006

- organized and managed the technical, financial, and administrative aspects of the european images project.
- technical coordination of a task force of 3 members.
- project objective: conception of a convergence layer to improve quality of service in next-generation core and access networks called network resource control plane (nrpc). located between the transport plane and the application plane, nrpc uses optimization and control theory techniques for resource management and traffic engineering independently of network technology.

Università di Roma “la sapienza”, dipartimento di informatica e sistemistica Rome, Italy collaborator, european project daidalos i (fp6 - cooperation program) 2004 – 2005

- designed and implemented an architecture capable of performing innovative service discovery oriented to both network services and next-generation pervasive applications.
- integrated the architecture into the osgi framework (knoplerfish) operating on handheld devices (pdas and mobile phones).

SPS italia srl Rome, Italy collaborator, european project EQUAL 2003 – 2004

- designed and implemented a web-based architecture for managing escos (energy society companies).
- managed differentiated access for administrators, functional and territorial managers, and end-users (municipalities).
- managed agenda, forum, instant messaging, remote disk, and file exchange functionalities.
- developed e-learning methodologies based on incremental and interactive documentation access.

## TECHNICAL SKILLS

Extensive knowledge of the ICT sector has been gained over the years. Initially driven by a natural inclination towards computing, this interest was refined during high school and university studies. The doctoral period further honed knowledge in the IT and telecommunications sectors. Participation in the design, management, and development phases of European projects in the ICT sector has further fostered a 360-degree understanding of TLC and IT issues. The acquired technical skills are summarized below.

**Programming Languages:** Python, Java, Javascript, C++, C, Assembler, Pascal, QBasic, Visual Basic, Visual C++, Embedded Visual C++, Embedded Visual Basic, HTML, and SQL.

**Programming Environments:** VS Code, JCreator, MS Visual Studio, MS Visual Studio .NET, Eclipse.

**Software Design Environments:** StarUML, Telelogic TAU, Enterprise Architect, Rational Rose.

**Graphic Design Environments:** 3D Studio Max, AutoCAD.

**Simulation Environments:** Matlab, Opnet, NS2, WASP, and Labview.

**Scripting Languages:** PHP, JSP, ASP, VBScript, Javascript.

**Operating Systems:** Windows 95 – Windows 11; Linux (RedHat, Mandriva, Ubuntu, Debian); Pocket PC 2002 and 2003, WM5 and WM6, Familiar Linux.

**Databases:** MySQL, MS Access, Oracle, SQL Server, PostgreSQL, CouchDB.

**Cooperative Development Environments:** CVS, Wiki, SVN.

**Analysis and Development Methodologies:** UML Diagrams; Object-Oriented; Entity-Relationship.

## PUBLICATIONS

### Journal Articles

- Menegatti, D., Giuseppi, A., Delli Priscoli, F., Panfili, M., Suraci, V., *Healthcare Switzerland* "CADUCEO: A Platform to Support Federated Healthcare Facilities through Artificial Intelligence," 2023, 11(15), 2199. DOI: 10.3390/healthcare11152199.
- Giuseppi A., Andreani A., Delli Priscoli F., Suraci V., Tortorelli A., Fiaschetti A., Germanà R., "A Decision Support Tool for optimal configuration of Critical Infrastructures", *International Journal Of Critical Infrastructures*, Volume 18, Numero 2, Pagine 105-127, Editore Inderscience Enterprises. DOI: 10.1504/IJCIS.2022.123415.
- Tortorelli A., Fiaschetti A., Giuseppi A., Suraci V., Germanà R., Delli Priscoli F., "A security metric for assessing the security level of critical infrastructures", *International Journal of Critical Computer-Based Systems*, Volume 10, Numero 1, Pagine 74-94, Editore Inderscience Publishers (IEL). ISSN: 1757-8779. DOI: 10.1504/IJCCBS.2020.108685.
- Pecori R., Suraci V., Ducange P., "Efficient computation of key performance indicators in a distance learning university". *Information Discovery and Delivery*, 2019. DOI: 10.1108/IDD-09-2018-0050.
- Pietrabissa A., Ricciardi Celsi L., Cimorelli F., Suraci V., Delli Priscoli F., Di Giorgio A., Giuseppi, A., Monaco S., "Lyapunov-Based Design of a Distributed Wardrop Load-Balancing Algorithm With Application to Software-Defined Networking", *IEEE Transactions on Control Systems Technology*. 20 June 2018. DOI: 10.1109/TCST.2018.2842044.
- Pietrabissa A., Suraci V., "Wardrop equilibrium on time-varying graphs", *Automatica*, Volume 84, October 2017, Pages 159-165. DOI: 10.1016/j.automatica.2017.07.021.
- Oddi, G., Pietrabissa, A., Liberati, F., Suraci, V., Delli Priscoli F., "An any-sink energy-efficient routing protocol in multi-hop wireless sensor networks for planetary exploration", *International Journal of Communication Systems*, Volume 30, Issue 7, 10 May 2017, Article number e3020. Doi: 10.1002/dac.3020.

- Delli Priscoli F., Di Giorgio A., Lisi F., Ricciardi Celsi L., Suraci V., “Multi-agent quality of experience control”, *International Journal of Control, Automation and Systems*, Volume 15, Issue 2, 1 April 2017, Pages 892-904. Doi: 10.1007/s12555-015-0465-5.
- Pietrabissa A., Delli Priscoli F., Di Giorgio A., Panfili M., Suraci V., “An approximate dynamic programming approach to resource management in multi-cloud scenarios”, *International Journal of Control*. Volume 90, Issue 3, 4 March 2017, Pages 508-519. Doi: 10.1080/00207179.2016.1185802.
- Panfili, M., Pietrabissa, A., Oddi, G., Suraci, V., “A lexicographic approach to constrained MDP admission control”, *International Journal of Control*, Volume 89, Issue 2, 1 February 2016, Pages 235-247, Doi: 10.1080/00207179.2015.1068955.
- Battilotti, S., Delli Priscoli, F., Gori Giorgi, C., Panfili, M., Pietrabissa, A., Monaco, S., Suraci, V., “Approaches for Future Internet Architecture Design and Quality of Experience (QoE) Control”. *WSEAS Transactions on Communication*. In press.
- Macone, D., Oddi, G., Palo, A., Suraci, V., “A dynamic load balancing algorithm for Quality of Service and mobility management in next generation home networks”, (2013) *Telecommunication Systems Journal* 53 (3) PP. 265 – 283. Doi: 10.1007/s11235-013-9697-y.
- Castrucci M, Neri A, Caldeira F, Aubert J, Khadraoui D, Aubignye M, Harpes C, Simões P, Suraci V, Capodiecì P, “Design and implementation of a mediation system enabling secure communication among Critical Infrastructures”, *International Journal of Critical Infrastructure Protection*, Volume 5, Issue 2, July 2012, Pages 86-97. Doi: 10.1016/j.ijcip.2012.04.001.
- Suraci V. “The Role of Wireless Sensor Networks for Green Gigabit Access Networks”, *Rivers Publishers, Journal of Green Engineering*, ISSN: 1904-4720.

## Books

- Fiaschetti A., Azzoni P., Noll J., Uribeetxeberria R., Pietrabissa A., Delli Priscoli F., Suraci V., Mignanti S., Liberati F., Panfili M., Di Giorgio A., Morgagni A., “The SHIELD approach”, *Measurable and Composable Security, Privacy, and Dependability for Cyberphysical Systems: The SHIELD Methodology*, 1 January 2017, Pages 105-158, ISBN: 978-113804285-8;978-113804275-9. DOI: 10.1201/9781138042858.
- Suraci V. et al “Approccio sistematico alla progettazione e alla relativa documentazione dei sistemi controllati complessi”, *Quaderni di Ingegneria, Facoltà di Ingegneria*, Editore CESD srl, ISSN 2036-4652.
- Castrucci, M., Delli Priscoli, F., Pietrabissa, A., Suraci, V., “A cognitive Future Internet architecture”, *Future Internet Assembly, Lecture Notes in Computer Science*, 6656, pp.91-102, 2011, doi: 10.1007/978-3-642-20898-0\_7.

## Conference Publications

- Suraci V., “Controlling the charging of Electric Vehicles using a distributed cooperative solution converging to the Wardrop Equilibrium”, *Proceedings of the 12th International Conference of Control Systems, and Robotics (CDSR 2025)*, July 13-15, 2025 | Imperial College London Conference Center, London, United Kingdom.
- Gattuta, L.L., Langiu, A., Sabatucci, L., Suraci, V., Sprovieri, M., “Affordable remote terminal for sensor observation service”, *ICAART 2020 - Proceedings of the 12th*

*International Conference on Agents and Artificial Intelligence*, 2020, 1, pp. 272–278, DOI: 10.5220/0009149802720278.

- Moggio F., Boldi M., Canale S., Suraci V., Casetti C., Bernini C., Landi G., Giaccone P., “5G EVE a European platform for 5G Application deployment”, *Proceedings of the 14th International Workshop on Wireless Network Testbeds, Experimental Evaluation & Characterization*. Pagine 124-125. DOI: 10.1145/3411276.3414696.
- Ornatelli A., Giuseppi A., Suraci V., Tortorelli A., “User-aware centralized resource allocation in heterogeneous networks”, *2020 28th Mediterranean Conference on Control and Automation (MED)*, Pagine 292-298, Editore IEEE. DOI: 10.1109/MED48518.2020.9183080.
- Moglie M., Simoncini M., Mancini E., Suraci V., Arnesano M., “eLearning Course Design in Higher Education to Maximize Students’ Performance”, *International Workshop on Higher Education Learning Methodologies and Technologies Online*, 2019/6/6, Pagine 139-148, Editore Springer, Cham. DOI: 10.1007/978-3-030-31284-8\_11.
- Suraci V., Ricciardi Celsi L., Giuseppi A., Manfredi G., Di Giorgio A., “Distributed Wardrop Load Balancing in Multi-MTU SCADA Systems”. *MED 2018 - 26th Mediterranean Conference on Control and Automation*. 20 August 2018, Article number 8442485, Pages 466-472. DOI: 10.1109/MED.2018.8442485.
- Suraci V., Ricciardi Celsi L., Giuseppi A., Di Giorgio A., “A distributed wardrop control algorithm for load balancing in smart grids”, *2017 25th Mediterranean Conference on Control and Automation, MED 2017*. 18 July 2017, Article number 7984210, Pages 761-767. DOI: 10.1109/MED.2017.7984210.
- Canale S., Di Giorgio A., Lisi, F., Suraci V., Delli Priscoli, F., “Document A Future Internet oriented user centric extended intelligent transportation system” *24th Mediterranean Conference on Control and Automation, MED 2016*. Doi: 10.1109/MED.2016.7535967.
- Cimorelli F., Delli Priscoli F., Pietrabissa A., Ricciardi Celsi L., Suraci V., Zuccaro L., “A distributed load balancing algorithm for the control plane in software defined networking”, *24th Mediterranean Conference on Control and Automation, MED 2016*. Doi: 10.1109/MED.2016.7535946.
- Pietrabissa, A., Poli, C., Oddi, G., Palagi, L., Suraci, V., “A distributed bandwidth allocation algorithm for bluetooth wireless networks based on Wardrop equilibrium”, *CCC 2015. 34th Chinese Control Conference* April 1, 2015. Doi: 10.1109/ChiCC.2015.7260658.
- Zuccaro L., Cimorelli F., Delli Priscoli F., Gori Giorgi C., Monaco S. and Suraci V., “Distributed control in virtualized networks”. *FNC 2015. Procedia Computer Science*. Doi: 10.1016/j.procs.2015.07.209.
- Suraci V., Gori Giorgi C., Battilotti S. and Facchinei F., “Distributed workload control for federated service discovery”. *FNC 2015. The 10th International Conference on Future Networks and Communications*. August 17-20, 2015, Belfort, France. Doi: 10.1016/j.procs.2015.07.221.
- Delli Priscoli F., Gori Giorgi C., Monaco S., Pietrabissa A., Suraci V., “Future Internet Architecture: Control-based Perspectives related to Quality of Experience (QoE) Management”. *CCC 2015. 34th Chinese Control Conference* April 1, 2015. Doi: 10.1109/ChiCC.2015.7260659.

- Battilotti S., Facchinei F., Giuseppe A., Oddi G., Pietrabissa A., Suraci V., “Resource Management in Multi-Cloud Scenarios via Reinforcement Learning”. *CCC 2015. 34th Chinese Control Conference* April 1, 2015. Doi: 10.1109/ChiCC.2015.7261077.
- Suraci V., Delli Priscoli F., Monaco S., Palagi L., Canale S., “A reinforcement learning approach for QoS/QoE model identification”. *CCC 2015. 34th Chinese Control Conference* April 1, 2015. Doi: 10.1109/ChiCC.2015.7259941.
- Battilotti S., Gori Giorgi C., Monaco S., Panfili M., Pietrabissa A., Ricciardi Celsi L., Suraci V., Delli Priscoli F., “A Multi-Agent Reinforcement Learning Based Approach to Quality of Experience Control in Future Internet Networks”. *CCC 2015. 34th Chinese Control Conference* April 1, 2015. Doi: 10.1109/ChiCC.2015.7260662.
- Canale S., Facchinei F., Gambuti R., Palagi L., Suraci V., “Profiled QoE Based Network Controller”. *MED 2015. Conference: 23rd Mediterranean Conference on Control and Automation*. Doi: 10.1109/MED.2015.7158901.
- Battilotti S., Cimorelli F., Cusani R., Delli Priscoli F., Gori Giorgi C., Pietrabissa A., Suraci V., Zuccaro L., “A Future Internet interface to control programmable networks”. *MED 2015. Conference: 23rd Mediterranean Conference on Control and Automation*. Doi: 10.1109/MED.2015.7158902.
- Delli Priscoli F., Di Giorgio A., Lisi F., Ricciardi Celsi L., Suraci V., “An optimization problem for Quality of Experience (QoE) control in networks with multi-path routing”, *2015 23rd Mediterranean Conference on Control and Automation (MED)*, Torremolinos, 2015, pp. 1109-1114. Doi: 10.1109/MED.2015.7158904.
- Canale S., Gambuti R., Suraci V., “A novel resource management approach in wireless networks based on users’ quality of experience”. *Matera, ICST, 2014, 21-23 Maggio. WINSYS 2014 – 9th International Conference on Wireless Information Networks and Systems*.
- Delli Priscoli F., Di Giorgio A., Lisi F., Ricciardi Celsi L., Suraci V., “An optimization problem for Quality of Experience (QoE) control in networks with multi-path routing”, *2015 23rd Mediterranean Conference on Control and Automation (MED)*, Torremolinos, 2015, pp. 1109-1114. doi: 10.1109/MED.2015.7158904.
- Canale S., Gambuti R., Suraci V., “A novel resource management approach in wireless networks based on users’ quality of experience”. *Matera, ICST, 2014, 21-23 Maggio. WINSYS 2014 – 9th International Conference on Wireless Information Networks and Systems*.