

Andrea Vesco, Ph.D.

LINKS Foundation (former ISMB)
Via P.C. Boggio 61, 10138 Torino, Italy
Email: andrea.vesco@linksfoundation.com

Abstract—This is the list of my Scientific Activities: Publications, Research Projects, Patent, Editor, Committee, Teaching and Academic Advising.

I. SCIENTIFIC PUBLICATIONS

A. Preprint

[1]

B. Book and Book Chapters

[2], [3], [4], [5]

C. International Journals

[6], [7], [8], [9], [10], [11], [12], [13], [14], [15], [16], [17], [18], [19]

D. Italian Journals and Magazine

[20], [21], [22], [23]

E. Proceedings

[24], [25], [26], [27], [28], [29], [30], [31], [32], [33], [34], [35], [36], [37], [38], [39], [40], [41], [42], [43], [44], [45], [46], [47], [48], [49], [50], [51]

F. Ph.D. Dissertation

[52]

II. SELECTED RESEARCH PROJECTS

QUBIP (Quantum-oriented Update to Browsers and Infrastructures for the PQ Transition), funded by the European Union under the Horizon Europe framework programme [grant agreement no. 101119746]. *Project Coordinator*. 2023. <https://www.qubip.eu>

SEDIMARK (Secure Decentralised Intelligent Data Marketplace), funded by the European Union under the Horizon Europe framework programme [grant agreement no. 101070074]. *Work Package Coordinator*. 2022. <https://sedimark.eu>

MASTERMINE (European Mining in the Green and Digital Era), funded by the European Union under the Horizon Europe framework programme [grant agreement no. 101091895]. *Technical Leader*. 2022. <https://www.mastermine-project.eu>

PODIUM (PDI Connectivity and Cooperation Enablers Building Trust and Sustainability for CCAM), funded by the European Union under the Horizon Europe framework programme [grant agreement no. 101069547]. *Technical Leader*. 2022. <https://podium-project.eu>

SPIRS (Secure Platform for ICT Systems Rooted at the Silicon Manufacturing Process), funded by the European Union under the Horizon 2020 framework programme [grant

agreement no. 952622]. *Work Package Coordinator*. 2021. <https://www.spirs-project.eu>

ROOT (Rolling Out OSNMA for the Secure Synchronisation of Telecom Networks), funded by the European Union Space Programme Agency (EUSPA) under the Horizon 2020 programme [grant agreement n. 101004261]. *Technical Leader*. 2020. <https://www.gnss-root.eu>

USPACE2 (U-space Services for UAM Operations Exploiting Space Assets), funded by European Space Agency (ESA). *Technical Leader*. 2022.

MONICATO (Monitoring Interfering and Cyber Attacks to Timing Operations of Satellite-Based Infrastructures), funded by European Space Agency (ESA). *Technical Leader*. 2020.

HANSEL (Navigation and GNSS in Smart Cities: testbed concept definition), funded by European Space Agency (ESA). *Technical Leader*. 2019

MUV (Mobility Urban Value), funded by the European Union under the Horizon 2020 framework programme [grant agreement no. 723521]. *Technical Coordinator*. 2015.

III. PATENT

Riccardo Scopigno, Daniele Brevi and Andrea Vesco, *Method and System for Controlling Congestion in Wireless Telecommunication Networks*, No: 1413493, Italy. Issued: September 12, 2012

IV. EDITOR

Editor-in-Chief - International Journal of Urban Planning and Smart Cities (IJUPSC). IGI Global, 2020-2022.

Guest Editor - Journal Interaction Design and Architecture (Ix&A), Special Issue on: Games for Urban Sustainability. 2019.

Guest Editor - Sustainability, Special Issue on: New Business and Operational Models for the Management of Green and Sustainable City Logistics. MDPI, 2019.

Guest Editor - International Journal of Public Administration in the Digital Age (IJPADA), Special Issue on: ICTs, Citizens and Governance of Smart Cities. IGI Global, 2007

Co-Editor - Handbook of research on Social, Economic and Environmental Sustainability in Development of Smart Cities. IGI Global 2015.

V. SCIENTIFIC COMMITTEE

Technical Program Committee - Workshop on Beyond the promises of WEB3.0: Foundations and Challenges of Trust Decentralization (WEB3-TRUST). International Congress on Blockchain and Applications, from 2022 to 2023.

Technical Program Committee - International Workshop on Cyber-Security Threats, Trust and Privacy Management in Software-defined and Virtualized Infrastructures. IEEE International Conference on Network Softwarization (NetSoft), from 2020 to 2023.

Co-Chair - IEEE International Workshop on Smart and Sustainable Mobility in Smart Cities. IEEE Computer Software and Applications Conference (COMPSAC), 2017.

Scientific Committee - International Conference on Innovation in Urban and Regional Planning (INPUT). September 2016.

Co-Chair - International Workshop on Social, Economic, and Environmental Sustainability in the Development of Smart Cities. Sustainable Built Environment (SBE), 2016.

Technical Program Committee - IEEE International Energy Conference (ENERGYCON). May 2014.

Technical Program Committee - IEEE Vehicular Technology Conference (VTC-Fall). Track: Wireless Access. September 2013.

Technical Program Committee - IEEE Vehicular Technology Conference (VTC-Spring). Track: Networks, Access Control, and Resource Management. May 2013.

Co-Chair - International Workshop on Flexibility in Broadband Wireless Access Network. IEEE International Conference on Computer Communications and Networks (ICCCN). August 2011.

VI. TEACHING

Contract Professor - Master School EXITone, Smart City Challenge. 2017

Contract Professor - Master School of the Politecnico di Torino (PoliTo), Smart and Sustainable Urban Mobility. Academic year 2014/2015.

Assistant Professor - Computer Networks, Computer Engineering at Università Telematica Internazionale (UniNettuno). Academic years 2008/2009, 2009/2010 and 2010/2011.

Assistant Professor - Techniques and Programming Languages, Cinema and Media Engineering at Politecnico di Torino (PoliTo). Academic year 2008/2009.

Assistant Professor - Local and Metropolitan Area Network Design, Computer Engineering at Politecnico di Torino (PoliTo). Academic years 2006/2007 and 2007/2008.

Assistant Professor - Local and Metropolitan Area Network Design, Telematic Engineering at Politecnico di Torino (PoliTo). Academic years 2006/2007 and 2007/2008.

Assistant Professor - Models and Strategies for e-business, Production Engineering at Politecnico di Torino (PoliTo). Academic year 2006/2007

VII. ACADEMIC ADVISING

1 Doctor of Philosophy (Ph.D.), 16 Master of Science (M.Sc) and 3 Bachelor of Science (B.Sc) students.

REFERENCES

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- [2] A. Vesco and F. Ferrero, Eds., *Handbook of Research on Social, Economic, and Environmental Sustainability in the Development of Smart Cities*. Hershey, PA: IGI Global, April 2015.
- [3] A. Vesco, S. Di Dio, E. Lissandrello, and D. Schillaci, *A Gamified Mobility Experience*. Springer, 2020, ch. 45.
- [4] V. Caiati, S. Di Dio, F. Ferrero, and A. Vesco, *The Shift Toward a Sustainable Urban Mobility through Decision Support Systems*. CRC Press - Taylor & Francis Group, 2017, ch. 14.
- [5] A. Vesco and R. Scopigno, *A Weakly Synchronous and Distributed Coordination Function for QoS Management in CSMA/CA Wireless Access Networks*. Hershey, PA: IGI Global, 2011, ch. 4.
- [6] D. G. Berbecaru, S. Sisinni, A. Liroy, B. Rat, D. Margaria, and A. Vesco, "Mitigating Software Integrity Attacks With Trusted Computing in a Time Distribution Network," *IEEE Access*, vol. 11, pp. 50 510–50 527, 2023.
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- [15] A. Vesco, V. Caiati, F. Ferrero, and A. Pacifici, Eds., "Special Issue on ICTs, Citizens and Governance of Smart Cities," *International Journal of Public Administration in the Digital Age (IJPADA)*, vol. 4, no. 4, 2017.
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- [26] M. Pini, A. Minetto, A. Vesco, D. Berbecaru, L. Murillo, P. Nemry, I. D. Francesca, B. Rat, and K. Callewaert, "Satellite-derived Time for Enhanced Telecom Networks Synchronization: the ROOT Project," in *Proceedings of IEEE International Workshop on Metrology for AeroSpace (MetroAeroSpace)*, Virtual Conference, June 2021.
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