CLAUDIO GIOVANNI DEMARTINI – Politecnico di Torino – PoliTo –

PERSONAL INFORMATION
Family name, First name: Demartini, Claudio Giovanni; omissis

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EDUCATION
1987 Ph.D. in Computer & Control Engineering at Control & Computer Engineering School, Politecnico di Torino - Italy
1981 Master of Science in Electronic Engineering at Control & Computer Engineering School, Politecnico di Torino – Italy

CURRENT POSITIONS
2020 - Board of Directors member – Politecnico di Torino – Italy
1994 - Full professor of Computer Engineering, Control & Computer Engineering Dept., Industrial Engineering & Management School, Politecnico di Torino
2019 - Head of the GRAINS (GRAphics and INtelligent Systems) research group (19 members), Control & Computer Engineering Dept.
2015 - Member of the PhD Board in Computer & Control Engineering
2003 - Member of the Industrial Engineering & Management School
2019 - President of the ITS-ICT Foundation for Information and Communication Technologies Scientific Council
2011 - Board of Directors Member of the ITS-ICT Foundation for Information and Communication Technologies

PREVIOUS POSITIONS
2015-2019 Head of the Control & Computer Engineering Dept., Politecnico di Torino – Italy
2012-2019 Academic Senate Member, Politecnico di Torino – Italy
2014-2015 Vice-Head of the Control & Computer Engineering Dept.
2005-2012 Vice-Chancellor of Politecnico di Torino for Special Projects
2002-2012 Deputy Dean of the Industrial Engineering & Management School, Politecnico di Torino – Italy
2009-2012 Member of the Board of Directors of ISMB, the Research Institute "Mario Boella" Torino, Italy
2008-2011 Member of the Board of Directors of INVALSI, the National Institute for the Evaluation of the Education and Training System, Ministry of Education, University and Research (MIUR)
2008-2010 Member of the Board of Directors of RGI Group S.p.A., ICT Company, Torino, Italy
1994-2001 Dean of the Computer & Control Engineering College, Politecnico di Torino, Ivrea premises.

TEACHING ACTIVITIES
2012 - Information Systems – Industrial Engineering & Management School, Politecnico di Torino, Italy
2006 - Innovation Management & Product Development - Industrial Engineering & Management School, Politecnico di Torino, Italy

ORGANISATION OF SCIENTIFIC MEETINGS
2017 IEEE COMPSAC 2017 Int. Conf., Conference Co-Chair

2022 IEEE COMPSAC 2022 Int. Conf., Conference Co-Chair

INSTITUTIONAL RESPONSIBILITIES

2023-2025 Project «DATA2LEARN@EDU: Data-Driven Learning Organizations in the Education Domain» - Area: Education&Training, - Scientific Manager
Memorandum of Understanding between the Polytechnic University of Turin and the School Foundation of the Compagnia di San Paolo for the realization of the Project "Reconnections: education for the future", (2022-2025) - Scientific Director
2004-2011 Member of the scientific council of the Committee for the National Registry of University Students – Ministry of Education, University and Research (MIUR), Italy
2011-2013 Tam Tam Exploiting the Tiptoe Platform by Transferring Ecvet and Eqf Semantic Tools in a Multi Sectoral Perspective, – Scientific Manager
2010-2012 Match-Informal and Not Formal Competences Matching Device for Migrants' Employability and Active Citizenship - Scientific Manager
2008-2010 Ways to Sustainability - Scientific Manager
2007-2009 Sesamo: Simulating the Implementation and Supporting the Start-Up By Exploiting Helen And Beatric Semantic Models Regarding ECVET - Scientific Manager
2007-2007 EASCMF - Developing the Prototype of an Ecvet-Based Training And Consulting Organisation (Embedding Standards Plus), - Scientific Manager
2006-2008 O.R.S.A M.I.NO.RE. - Organizzazione Delle Certificazioni Con Applicazione Di Smart Card Nei Mestieri E Nelle Innovazioni Del Mare, - Scientific Manager
2005-2007 EX.PER.O - Expectations and Perceptions Of Quality In Vet, - Scientific Manager
2004-2006 HELEN - THE EUROPEAN LEARNING NETWORK, - Scientific Manager
2001-2003 E.C.N.L. - European Computer Networking License (Supported by E_Learning), - Scientific Manager

COMMISSIONS OF TRUST

2016 - Program Committee member IEEE COMPSAC
2017 - Editorial Board IEEE IT-Professional

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2007 - Senior Member of the IEEE Computer Society Association

MAJOR COLLABORATIONS

2007 - CNR (National Research Council) – IEIIT (Institute of Electronics, Information Engineering & Telecommunications) – Associate member

RELEVANT PUBLICATIONS IN THE AREA

1. Gianluca Cena, Claudio G. Demartini, Mohammad Ghazi Vakili, Stefano Scanzio, Adriano Valenzano, Assessing the Effectiveness of Channel Hopping in IEEE 802.15.4 TSCH Networks, accepted in IEEE Open Journal of the Industrial Electronics Society, DOI 10.1109/OJIES.2023.3287943.
2. Gianluca Cena, Claudio G. Demartini, Mohammad Ghazi Vakili, Stefano Scanzio, Adriano Valenzano, Claudio Zunino, Evaluating and Modeling IEEE 802.15.4 TSCH Resilience against Wi-Fi Interference in New-Generation Highly-Dependable Wireless Sensor Networks, Ad Hoc Networks, Volume 106, 1 September 2020, 102199
3. Demartini C., Bosso A., Ciccarelli G., Benussi L., Renga F., Adaptive Learning Profiles in the Education Domain (2022), New York: CRC Press, Taylor & Francis Group, 2023.

4. Claudio Demartini, Lorenzo Benussi, Valentina Gatteschi, Flavio Renga (2020). Education and Digital Transformation: The Riconnessioni Project. IEEE ACCESS, vol. 8, p. 186233-186256, ISSN: 2169-3536, doi: 10.1109/access.2020.3018189.

5. Gatteschi, Valentina, Lamberti, Fabrizio, Demartini, Claudio, Pranteda, Chiara, Santamaría, Víctor (2018). To Blockchain or not to Blockchain: That is the question. IT PROFESSIONAL, vol. 20:2, p. 62-74, ISSN: 1520-9202, doi: 10.1109/MITP.2018.021921652.

6. Paravati, Gianluca, Lamberti, Fabrizio, Gatteschi, Valentina, Demartini, Claudio Giovanni, Montuschi, Paolo (2017). Point cloud-based automatic assessment of 3D computer animation courseworks. IEEE Transactions on Learning Technologies, vol. 10, p. 532-543, ISSN: 1939-1382, doi: 10.1109/TLT.2016.2638811.

7. Laplante, Phillip A., Demartini, Claudio Giovanni, Lamberti, Fabrizio, Neill, Colin J. (2017). Guest Editorial: Special Issue on Emerging Trends in Education - Part II. IEEE Transactions on Emerging Topics In Computing, vol. 5:1, p. 5-6, ISSN: 2168-6750, doi: 10.1109/TETC.2017.2667298.

8. Valentina Gatteschi, Fabrizio Lamberti, Claudio Demartini (2020). Blockchain technology use cases. In: Shiho Kim. Ganesh Chandra Deka. Advanced Applications of Blockchain Technology. p. 91-114, Springer, ISBN: 978-981-13-8774-6, doi: 10.1007/978-981-13-8775-3_4.

9. Gatteschi, Valentina, Demartini, Claudio Giovanni, Lamberti, Fabrizio (2017). Semantics: Learning. In: Phillip A. Laplante. Encyclopedia of Computer Science & Technology. p. 692-702, New York: CRC CRC Press.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process a nd use my data provided in this CV

Turin, July 29th, 2024
Prof. Claudio Giovanni Demartini

Firmato in originale