

Dario Assante

Curriculum Vitae

Corso Vittorio Emanuele II, 39

00186 Rome, Italy

☎ (+39) 06 69207664

FAX (+39) 06 69207621

✉ d.assante@uninettunouniversity.net

Work Experience

- 2024–Present **Rector's Delegate for Research and Innovation**, INTERNATIONAL TELEMATIC UNIVERSITY UNINETTUNO, Rome.
- 2020–Present **Associate Professor of Electrical Engineering**, INTERNATIONAL TELEMATIC UNIVERSITY UNINETTUNO, Rome.
- 2009–2020 **Assistant Professor of Electrical Engineering**, INTERNATIONAL TELEMATIC UNIVERSITY UNINETTUNO, Rome.
- 2009–2010 **Adjunct professor of Circuit theory**, UNIVERSITY OF NAPLES PARTHENOPE, Naples.
- 2008–2009 **Adjunct professor of Circuit theory**, UNIVERSITY OF SANNIO, Benevento.
- 2007–2008 **Research assistant**, UNIVERSITY OF NAPLES FEDERICO II, Naples.
Research activity on computational electromagnetics based on Grid computing.

Education

Academic

- 2003–2005 **Ph.D. in Electrical Engineering**, *University of Naples Federico II*, Naples.
- 1998–2002 **Masters Degree in Electrical Engineering**, *University of Naples Federico II*, Naples, score 110/110 cum laude.

Vocational

- 2008 **International Winter School on Grid Computing '08**, ICE-AGE program.
- 2003 **Vocational Masters course on “Technical Experts for Accredited Metrology Laboratories”**, *University of Naples Federico II*, Naples.

Language proficiency

- Italian Mother language
- English Professional
- Spanish Basic

Memberships in scientific and cultural associations

- 2004–Present Member of the Bureau of Engineers of the Province of Naples, Italy.
- 2014–2018 Associated to INFN - Tor Vergata Section for the international experiment of the Italian-Chinese satellite Limadou-CSES (China Seismo-Electromagnetic Satellite).

Academic activities

Professor of Electrical Engineering since 2013/14 and of Management of Energy Systems since 2014/15 up to present.

- 2019–Present Coordinator and member of the Scientific Committee of the Master course in “Circular Economy 4.0: Energy, Technology and Environment”.
- 2018–Present Member of of the Academic Board of the PhD progemme in “Engineering of Technological Innovation”
- 2017–Present Coordinator of the group of European experts in the "International Education" sector within the EMPOWER project, coordinated by the European Association of Distance Teaching Universities (EADTU). In this framework, Dario Assante coordinates a group of experts who guide European universities in strengthening their internationalization policies and strategies.
- 2016–Present Partner of the academic spin-off “MAG s.r.l.”
- 2013–Present Coordinator and member of the Scientific Committee of the Master course in “Energy Management”.
- 2012–Present Academic coordinator of the Erasmus and Erasmus Mundus actions.
- 2011–Present Member of the Scientific Committee of the Master course in “Project management strategies and techniques”.
- 2009–Present Local coordinator of the Double Degree Program in ICT Engineering, organized by the International Telematic University Uninettuno in cooperation with Helwan University (Cairo, Egypt).

Participation to national and international project

Responsible for the management of more than 700 k€ of European funds from international projects.

Over 1 M€ of in European funding brought to the University for participation in international projects.

- 2021-2023 **Academic referee**, *(R-IoT-C)4VET - Developing Innovative, Modern and Hands-on Digital Teaching Materials with a Focus on Robotics, Cloud and IoT for VET*, Erasmus+ Strategic Partnership n. 2019-1-EL01-KA202-062909.
- 2021-2023 **Academic referee**, *EU4AI - Increasing the Quality of Vocational Education With the Samples of Artificial Intelligence Technology in Different Fields*, Erasmus+ Strategic Partnership n. 2019-1-EL01-KA202-062909.
- 2021-2023 **Academic referee**, *INCYT - Interdisciplinary Cyber Training*, Erasmus+ Strategic Partnership n. 2019-1-EL01-KA202-062909.
- 2021-2023 **Academic referee**, *PROWIDE - Online Proctoring Manager: further education program for supporting digital transformation at HEIs*, Erasmus+ Strategic Partnership n. 2020-1-DE01-KA226-EA9061E4.
- 2021-2023 **Academic referee**, *AGME - Agile Methodology in Education*, Erasmus+ Strategic Partnership n. 2020-1-ES01-KA226-HE-096220.

- 2021-2022 **Academic referee**, *NET - ScieNcE Together*, H2020-MSCA-NIGHT Project n. 101036127.
- 2020-2023 **Academic referee**, *VIEWS - Vet training for trainers dEaling With migrantS*, Erasmus+ Strategic Partnership n. 2020-1-NL01-KA202- 064794.
- 2020-2022 **Academic referee**, *VIRTUOUS - Using Collaborative Virtual Environments (CVE) to train teachers how to manage challenging student behavior*, Erasmus+ Strategic Partnership n. 2020-1-EL01-KA203-079205.
- 2020-2022 **Academic referee**, *CHROMAFOR - Skills and competencies for a Circular Human Resources Management in the Foundry sector*, Erasmus+ Strategic Partnership n. 2020-1-ES01-KA202-081908.
- 2019-2021 **Academic referee**, *3DP-VET - 3D Printing in VET*, Erasmus+ Strategic Partnership n. 2019-1-EL01-KA202-062909.
- 2019-2022 **Academic referee**, *I4EU - Key Competences for an European Model of Industry 4.0*, Erasmus+ Strategic Partnership n. 2019-1-FR01-KA202-062965.
- 2017-2020 **Academic referee**, *IoE-EQ - Internet of Energy: Education and Qualification*, Erasmus+ Strategic Partnership n. 2017-1-IT01-KA202-006251.
- 2017-2019 **Academic referee**, *INNORESOLVE - PBL Training for managers to face the Foundry 4.0 challenges*, Erasmus+ Strategic Partnership n. 2017-1-ES01-KA202-037932.
- 2016-2019 **Project manager**, *IoT4SMEs - Internet of Things for European Small and Medium Enterprises*, Erasmus+ Strategic Partnership n. 2016-1-IT01-KA202-005561.
- 2015-2017 **Project manager**, *IN-CLOUD - Innovation in the Cloud bridging Universities and Businesses*, Erasmus+ Strategic Partnership n. 2015-1-IT01-KA202-004733.
- 2015-2018 **Academic referee**, *ACAI-LA - Adopció de enfocques de calidad, accesibilidad e innovació en la educació superior de Latinoamerica*, Erasmus+ Capacity Building for Higher Education.
- 2015-2017 **Academic referee**, *EXAGE - European eXperience Accelerator for Green Business and Eco-Entrepreneurship*, COSME - Erasmus for Young Entrepreneurs project n. 653140.
- 2013-2016 **Quality assurance coordinator and Researcher**, *Limadou-CSES satellite*, Italo-Chinese experiment co-financed by the Italian Space Agency.
- 2012-2016 **Academic coordinator**, *Erasmus Mundus GreenIT*, Erasmus Mundus program.
- 2011-2015 **Academic coordinator**, *Erasmus Mundus MEDASTAR*, Erasmus Mundus program.
- 2010-2012 **Academic referee**, *NetCu - Networked curricula*, LLP program.
- 2010-2012 **Researcher**, *OEII - Open Educational Innovation & Incubation*, LLP program.
- 2010-2012 **Researcher**, *Realizzazione del sistema Regionale di Monitoraggio e Controllo di Campi Elettromagnetici in bassa ed alta frequenza in zone fortemente antropizzate*.
- 2006-2007 **Researcher**, *SAS - Security of Airport Structures*, EPCIP Program.
- 2006-2007 **Research assistant**, *S.Co.P.E. Project*, PON 200-2006.
- 2004-2005 **Researcher**, *PRIN Nr. 2004093025*.
- 2002-2003 **Researcher**, *PRIN Nr. 2002093437*.

Evaluator activity

- 2025 Expert evaluator for the EIT RawMaterials, EIT HEI Initiative, funded by European Commission.
- 2024 Rapporteur and Expert evaluator for the M-ERA.NET Programme, Call 2024, funded by European Commission in the framework of the Horizon 2020 programme.
- 2022–Present Expert Evaluator in Technological Innovation at the Italian Ministry of Economic Development
- 2022–2024 Expert evaluator for the Erasmus+ Programme for the Irish Erasmus+ National Agency Léargas
- 2021 Expert evaluator for the MFP-Cofund Doctoral Fellowships, funded by Horizon 2020 programme in the framework of the MSC Actions
- 2021 Expert evaluator for the Evaluation of Research Quality (VQR 2015-19), organized by the Italian National Agency for the Evaluation of Universities and Research Institutes
- 2021–Present Expert evaluator of project proposals for the Technology Agency of the Czech Republic
- 2020 Expert evaluator for the FISR-Covid call, funded by the Italian Ministry of Higher Education

Editorial activity

- 2023–Present **Editorial Board Member** of the Springer journal ENERGY, ECOLOGY AND ENVIRONMENT
- 2017–Present **Editorial Board Member** of the SAGE journal ENERGY & ENVIRONMENT
- 2017–2019 **Editorial Board Member** of the WORLD JOURNAL OF TECHNOLOGY, ENGINEERING AND RESEARCH
- 2015–2019 **Editorial Board Member** of the INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY RESEARCH
- 2013–Present **Editorial Board Member** of the INTERNATIONAL JOURNAL OF APPLIED POWER ENGINEERING
- 2013 **Chairman** of the 13TH WSEAS INTERNATIONAL CONFERENCE ON ELECTRIC POWER SYSTEM, HIGH VOLTAGE, ELECTRIC MACHINES
- 2014 **Technical Program Committee member** of the POWER ENGINEERING AND AUTOMATION CONFERENCE (PEAM 2014)
- 2013 **Technical Program Committee member** of the 3RD INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS, COMMUNICATIONS AND NETWORKS (CECNet 2013)
- Reviewer** of the IEEE TRANSACTIONS ON MAGNETICS, ELECTRONICS and of several International Conferences.

List of publications

Papers in refereed journals

- 1 C. Petrarca, M. Balato, L. Verolino, A. Andreotti, **D. Assante**, "Computation of Electric and Magnetic Fields Generated by Cloud-to-Cloud Lightning Channels", *Energies* 16 (11), 4524, 2023.
- 2 **D. Assante**, "Fractance with Tunable Fractor's Order for Microwave Circuit Applications", *Applied Sciences* 12 (19), 10108, 2022.
- 3 F. Sgobba, A. Sampaolo, P. Patimisco, M. Giglio, G. Menduni, A.C. Ranieri, C. Hoelzl, H. Rossmadl, C. Brehm, V. Mackowiak, **D. Assante**, E. Ranieri, V. Spagnolo, "Compact and portable quartz-enhanced photoacoustic spectroscopy sensor for carbon monoxide environmental monitoring in urban areas", *Photoacoustics*, vol. 25 (23), p. 1 - 10, 2022.
- 4 **D. Assante**, G. Panariello, F. Schettino, L. Verolino, "Longitudinal coupling impedance of a particle traveling in PEC rings: A regularised analysis", *IET Microwaves, Antennas & Propagation*, vol. 15, p. 1318 - 1329, 2021.
- 5 **D. Assante**, G. Panariello, F. Schettino, L. Verolino, "Coupling impedance of a PEC angular strip in a vacuum pipe", *IET Microwaves, Antennas & Propagation*, vol. 15, p. 1347 - 1359, 2021.
- 6 R. G. Menduni, F. Sgobba, S. Dello Russo, A.C. Ranieri, A. Sampaolo, P. Patimisco, M. Giglio, V. Passaro, S. Csutak, **D. Assante**, E. Ranieri, E. Geoffrion, V. Spagnolo, "Fiber-Coupled Quartz-Enhanced Photoacoustic Spectroscopy System for Methane and Ethane Monitoring in the Near-Infrared Spectral Range", *Molecules*, vol. 25 (23), p. 1 - 12, 2020.
- 7 G. Lovat, P. Burghignoli, R. Araneo, S. Celozzi, A. Andreotti, **D. Assante**, L. Verolino, "Shielding of an imperfect metallic thin circular disk: Exact and low-frequency analytical solution", *Progress In Electromagnetics Research*, vol. 167, p. 1-10, 2020.
- 8 R. Araneo, A. Andreotti, J. Brandão Faria, S. Celozzi, **D. Assante**, L. Verolino, "Utilization of Underbuilt Shield Wires to Improve the Lightning Performance of Overhead Distribution Lines Hit by Direct Strokes", *IEEE Transactions on Power Delivery*, vol. 35 (4), p. 1656 - 1666, 2020.
- 9 L. Verolino, G. Lovat, **D. Assante**, A. Andreotti, R. Araneo, P. Burghignoli, S. Celozzi, "Analytical Solution of the Zero-Thickness Perfectly-Conducting Circular Disk in the Presence of an Axisymmetric Magnetic Dipole: a Second-Kind Fredholm Integral-Equation Approach", *Progress in Electromagnetic Research*, vol. 103, p. 1-15, 2020.
- 10 P. Agarwal, A. Hyder, M. Zakarya, G. AlNemer, C. Cesarano, **D. Assante**, "Exact solutions for a class of Wick-type stochastic $(3+1)$ -dimensional modified Benjamin–Bona–Mahony equations", *Axioms*, vol. 8(4), p. 1-15, 2019.

- 11 G. Lovat, P. Burghignoli, R. Araneo, S. Celozzi, A. Andreotti, **D. Assante**, L. Verolino, "Shielding of a Perfectly Conducting Circular Disk: Exact and Static Analytical Solution", *Progress in Electromagnetic Research C*, vol. 95, p. 167-182, 2019.
- 12 **D. Assante**, C. Capasso, O. Veneri, "Internet of Energy Training through Remote Laboratory Demonstrator", *Technologies*, vol. 7(3), 2019.
- 13 **D. Assante**, L. Verolino, "Model for the Evaluation of an Angular Slot's Coupling Impedance", *Symmetry*, vol. 11, p. 1-12, 2019.
- 14 L. Alfonsi, F. Ambroglini, G. Ambrosi, R. Ammendola, **D. Assante**, D. Badoni, V.A. Belyaev, W.J. Burger, A. Cafagna, P. Cipollone, G. Consolini, L. Conti, A. Contin, E. De Angelis, C. De Donato, G. De Franceschi, A. De Santis, C. De Santis, P. Diego, M. Durante, C. Fornaro, C. Guandalini, G. Laurenti, M. Laurenza, I. Lazzizzera, M. Lolli, C. Manea, L. Marcelli, F. Marcucci, G. Masciantonio, G. Osteria, F. Palma, F. Palmonari, B. Panico, L. Patrizii, P. Picozza, M. Pozzato, I. Rashevskaya, M. Ricci, M. Rovituso, V. Scotti, A. Sotgiu, R. Sparvoli, B. Spataro, L. Spogli, F. Tommasino, P. Ubertini, G. Vannaroni, S. Xuhui, S. Zoffoli, CSES-LIMADOU Collaboration, "The HEPD particle detector and the EFD electric field detector for the CSES satellite", *Radiation Physics and Chemistry*, vol. 137, pp. 187-192, 2017.
- 15 **D. Assante**, M. Castro, I. Hamburg, S. Martin, "The Use of Cloud Computing in SMEs", *Procedia Computer Science*, vol. 83, pp. 1207-1212, 2016.
- 16 **D. Assante**, C. Cesarano, C. Fornaro, L. Vazquez, "Higher Order and Fractional Diffusive Equations", *Journal of Engineering Science and Technology Review*, vol 5, pp. 202-204, 2016.
- 17 **D. Assante**, M. Tronconi, "Photovoltaic System as a Remote Didactic Laboratory for Electrical Engineering Courses", *International Journal of Online Engineering*, vol. 11, pp. 39-46, 2015.
- 18 C. Cesarano, **D. Assante**, A.R. El Dhaba, "Operational techniques for Laguerre and Legendre polynomials", *International Journal of Pure Mathematics*, vol. 2, pp. 30-37, 2015.
- 19 L. Conti, V. Sgrigna, D. Zilpimiani, **D. Assante**, "Method for signal conditioning and data acquisition system, based on variable amplification and feedback technique", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, vol. 756, pp. 23-29, 2014.
- 20 **D. Assante**, C. Cesarano, "An Efficient Method for Representing the Lightning Base Current in the Frequency-Domain by means of Orthogonal Polynomials", *International Journal of Circuit, Systems and Signal Processing*, vol 8, pp. 616-621, 2014.
- 21 **D. Assante**, C. Cesarano, "Simple semi-analytical expressions of the lightning base current in the frequency-domain", *Journal of Engineering Science and Technology Review*, vol 7(2), pp. 1-6, 2014.

- 22 E. Angelini, **D. Assante**, S. Grassini, M. Parvis, "EIS Measurements for the Assessment of the Conservation State of Metallic Works of Art", *International Journal of Circuits, Systems and Signal Processing*, vol 8, pp. 240-245, 2014.
- 23 A. Andreotti, **D. Assante**, A. Pierno, V.A. Rakov, R. Rizzo, "A Comparison between Analytical Solutions for Lightning-induced Voltages Calculation", *Electronics and Electrical Engineering (Elektronika ir Elektrotechnika)*, vol. 20 (5), pp. 21-26, 2014.
- 24 A. Andreotti, **D. Assante**, L. Verolino, "Characteristic Impedance of Periodically Grounded Lossless Multiconductor Transmission Lines and Time Domain Equivalent Representation", *IEEE Transactions on EMC*, vol. 56, pp. 221-230, 2014.
- 25 **D. Assante**, C. Fornaro, "Voltage Calculation in Periodically Grounded Multiconductor Transmission Lines", *International Journal of Circuits, Systems and Signal Processing*, vol. 8, pp. 54-60, 2014.
- 26 A. Pierno, A. Andreotti, **D. Assante**, R. Rizzo, "Characteristic Impedance of Periodically Grounded Power Lines", *Leonardo Electronic Journal of Practices and Technologies*, vol. 22, pp. 71-82, 2013.
- 27 R. Rizzo, A. Andreotti, **D. Assante**, A. Pierno, "Characteristic Impedance of Power Lines with Ground Wires", *Electrical Review*, vol. 5, pp. 11-14, 2013.
- 28 **D. Assante**, L. Verolino, "Efficient evaluation of the longitudinal coupling impedance of a plane strip", *Progress In Electromagnetics Research M*, Vol. 26, pp. 251-265, October 2012.
- 29 A. Andreotti, **D. Assante**, V.A. Rakov, L. Verolino, "Electromagnetic Coupling of Lightning to Power Lines: Transmission Line Approximation versus Full-Wave Solution", *IEEE Transaction on EMC*, Vol. 53, Issue 2, pp. 421-428, May 2011.
- 30 D. Asprone, **D. Assante**, A. Chiariello, G. Manfredi, G. Miano, A. Prota, G. Rubinacci, "Case study: assessment of the electromagnetic disturbance of a glass fiber reinforced composite fencing structure", *Journal of Composites for Construction*, Vol. 14, Issue 5, pp. 629-635, September 2010.
- 31 **D. Assante**, S. D'Agostino, L. Verolino, "Shielding effect of a thin strip", *Electrical Engineering (Archiv fur Elektrotechnik)*, Vol. 91, No. 4-5, pp. 177-185, October 2009.
- 32 A. Andreotti, **D. Assante**, F. Mottola, L. Verolino, "An Exact Closed-Form Solution for Lightning-Induced Overvoltages Calculations", *IEEE Transactions on Power Delivery*, Vol. 24, No. 3, pp. 1328-1343, July 2009.
- 33 **D. Assante**, S. Falco, M. Lucido, G. Panariello, F. Schettino, L. Verolino, "Shielding Effect of a Strip of Finite Thickness", *Electrical Engineering (Archiv fur Elektrotechnik)*, Vol. 89, No. 2, December 2006.
- 34 A. Andreotti, **D. Assante**, S. Falco, L. Verolino, "An Improved Procedure for the Return Stroke Current Identification", *IEEE Transactions on Magnetics*, Vol. 41, No. 5, May 2005.

- 35 **D. Assante**, D. Davino, S. Falco, F. Schettino, L. Verolino, "Coupling Impedance of a Charge Traveling in a Drift Tube", IEEE Transactions on Magnetics, Vol. 41, No. 5, May 2005.

Contribution to Books

- 36 **D. Assante**, K. Armonaite, C. Hakan Aydin, T. Brüggemann, S. Bruže, L. Conti, T. Fetsch, S. Koçdar, S. Intveen, P. Morevs, O. Zubikova, "Online Proctoring Managers supporting digital transformation at Higher Education Institutions", in 2023 Envisioning Report For Empowering Universities 7th edition, EADTU, 2021. ISBN 978-90-79730-47-6.
- 37 I. Dimakos, T. Alexandridis, **D. Assante**, M. Doeller, S. Gerth, L. Kourea, R. Madritsch, N. Papastamatiou, C. Skaloumbakas, H.P. Steinbacher, "A Collaborative Virtual Environment to train teachers in managing students' challenging behaviours", in 2022 Envisioning Report For Empowering Universities 6th edition, EADTU, 2021. ISBN 978-90-79730-46-9.
- 38 **D. Assante**, M. Flamini, A.C. Ranieri, "Industry 4.0 education: state of art and future trends", in 2021 Envisioning Report For Empowering Universities 5th edition, EADTU, 2021. ISBN 978-90-79730-43-8.
- 39 **D. Assante**, "Smart online training experiences in the area of Industry 4.0", in 2019 Envisioning Report For Empowering Universities 3th edition, EADTU, 2019. ISBN 978-90-79730-37-7.
- 40 L. Conti, V. Sgrigna, D. Zilpimiani, **D. Assante**, "Handbook of Measurements: Benchmarks for Systems Accuracy and Precision - Chapter: Data Processing and Acquisition Systems", CRC Press, Taylor and Francis Group, 2015. ISBN 978-14-82225-22-8.
- 41 P. Henderikx, G. Ubachs, P. Mata, B. Malik, M.L. Cacheiro, S. Virkus, F. Truyen, **D. Assante**, S. Caeiro, A.P. Teixeira Martinho, L. Morgado, A. Pereira, "NetCu Handbook - Guidelines for organising networked curricula", 2012. ISBN 978-90-79730-11-7.

Papers in Refereed International Conference Proceedings

- 42 A. Postiglione, **D. Assante**, E. Santinelli, C. Ceccarelli, F.L. Falconieri, D. Bifaretti, E. Patrignanelli, S. Reda, S. Bertelli, "Increasing cooperation between researchers designing a playful activity for the public: The "NET" Scientific Treasure Hunt", 16th International Conference on Education and New Learning Technologies, 2024.
- 43 **D. Assante**, C. Fornaro, L. Laura, D. Pirrone, A. Gokdemir, V. Jecheva, "Bridging the AI Knowledge Gap with Open Online Education in Europe", 2024 International Conference on Remote Engineering and Virtual Instrumentation, 2024.
- 44 **D. Assante**, B. Loletti, D. Pirrone, "Lego-Based Remote Robotics Lab: Enhancing Didactic Engagement and Learning", 2024 International Conference on Remote Engineering and Virtual Instrumentation, 2024.

- 45 **D. Assante**, D. Pirrone, A. Gökdemir, "A Delta Robot remote laboratory for STEM education", expat'23 - 6th Experiment@ International Conference, 2023.
- 46 **D. Assante**, M. Flamini, E. Trinca, "Towards Industry 5.0: Fostering a Circular Human Resources Management in the Foundry Sector", expat'23 - 6th Experiment@ International Conference, 2023.
- 47 **D. Assante**, I. Dimakos, F. Alexandridis, M. Doeller, F. Lytra, S. Gerth, L. Kourea, R. Madritsch, C. Theodorakopoulos, C. Skaloumbakas, H.P. Steinbacher, "Virtual Reality-Based Learning Environments for Teachers' Training", 2023 International Conference on Remote Engineering and Virtual Instrumentation, 407-414, 2023.
- 48 **D. Assante**, I. Dimakos, F. Alexandridis, M. Doeller, F. Lytra, S. Gerth, L. Kourea, R. Madritsch, C. Theodorakopoulos, C. Skaloumbakas, H.P. Steinbacher, "Virtual Reality-Based Learning Environments for Teachers' Training", 2023 International Conference on Remote Engineering and Virtual Instrumentation, 407-414, 2023.
- 49 **D. Assante**, C. Fornaro, I. Hamburg, A. Gokdemir, P. Kieseberg, F. Oz, D. Strzalka, G. Vârtopeanu, G. Vladut, , "Cybersecurity Education for SMEs", 2023 International Conference on Remote Engineering and Virtual Instrumentation, 569-576, 2023.
- 50 **D. Assante**, G. Panariello, F. Schettino, L. Verolino, "Analytically Regularized Evaluation of the Wakefield of a Particle Travelling through a Plane Conducting Ring", 2022 Microwave Mediterranean Symposium (MMS), 1-5, 2022.
- 51 D. Pirrone, C. Fornaro, **D. Assante**, 'Open-source multi-purpose remote laboratory for IoT education", 2021 IEEE Global Engineering Education Conference (EDUCON), pp. 1462-1468, 2021.
- 52 **D. Assante**, M. Flamini, E. Romano, "Open educational resources for Industry 4.0: supporting the digital transition in an European dimension", 2021 IEEE Global Engineering Education Conference (EDUCON), pp. 1509-1513, 2021.
- 53 **D. Assante**, C. Capasso, O. Veneri, M. Castro, S. Martin, H. Doost Mohammadian, "Internet of energy: new scenarios, opportunities, challenges and educational solutions", 2021 IEEE Global Engineering Education Conference (EDUCON), pp. 1514-1520, 2021.
- 54 **D. Assante**, C. Fornaro, M. Castro, S. Martin, M. Leisenberg, P. Kronsbein, "Internet of Things: three years of experience on education in the business sector", 2020 IEEE Global Engineering Education Conference (EDUCON), pp. 1800-1806, 2020.
- 55 H. Doost Mohammadian, F. Doost Mohammadian, **D. Assante**, "IoT-education policies on national and international level regarding best practices in German SMEs", 2020 IEEE Global Engineering Education Conference (EDUCON), pp. 1848-1857, 2020.
- 56 **D. Assante**, G.M. Cennamo, L. Placidi, "3D Printing in Education: an European perspective", 2020 IEEE Global Engineering Education Conference (EDUCON), pp. 1133-1138, 2020.

- 57 **D. Assante**, C. Fornaro, "An educational IoT-based indoor environment monitoring system", 2019 IEEE Global Engineering Education Conference (EDUCON), pp. 1475-1479, 2019.
- 58 **D. Assante**, A. Caforio, M. Flamini, E. Romano, "Smart Education in the context of Industry 4.0", 2019 IEEE Global Engineering Education Conference (EDUCON), pp. 1140-1145, 2019.
- 59 **D. Assante**, R. Crucco, "M2M learning environment for electric applications", 2019 IEEE Global Engineering Education Conference (EDUCON), pp. 1518-1522, 2019.
- 60 **D. Assante**, E. Romano, M. Flamini, M. Castro, S. Martin, S. Lavirotte, G. Rey, M. Leisenberg, M.O. Migliori, I. Bagdoniene, R. Tavio Gallo, A. Pascoal, M. Spatafora, "Internet of Things education: Labor market training needs and national policies", 2018 IEEE Global Engineering Education Conference (EDUCON), pp. 1846-1853, 2018.
- 61 C. Capasso, O. Veneri, **D. Assante**, "A novel platform for the experimental training on Internet of Energy", 2018 IEEE Global Engineering Education Conference (EDUCON), pp. 1746-1752, 2018.
- 62 S. Martin, M. Castro, **D. Assante**, "OERs for improving European SMEs competitiveness: from video-lectures to remote labs", pp. 2018 IEEE Global Engineering Education Conference (EDUCON), 1463-1468, 2018.
- 63 S. Martin, **D. Assante**, I. Hamburg, A. Owens, R. Tavio Gallo, K. Konstantinou, A. Pascoal, M. Spatafora, M. Castro, "The role of VET certifications in MOOCs", eMOOCs Conference, Madrid, 22-26 May 2017.
- 64 **D. Assante**, "Work in progress: Experimental set-up for the analysis of circuits with fractional order components", accepted for the IEEE EDUCON 2017, Athens, 25-28 April 2017.
- 65 **D. Assante**, C. Fornaro, E. Weitschek, M. Castro, S. Martin, I. Hamburg, A. Owens, R. Tavio Gallo, K. Konstantinou, S. Stekoulis, A. Pascoal, C. Reis, M. Spatafora, A.M. Cotovanu, "Smart open online tool for adaptive education on Cloud Computing", accepted for the IEEE EDUCON 2017, Athens, 25-28 April 2017.
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