

KEYNOTE SPEAKER INFORMATION

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Professor and Founding Center Director | Digital Engineering, Trustworthy AI and Cyber-Physical Energy Systems



SHORT BIO

Prof. Dr.-Ing. Umit Cali, LL.M., is Professor and Founding Center Director of the Artificial Intelligence, Smart Infrastructure and Robotics Research Center at the American University of Sharjah. He is also Professor and Chair of Digital Engineering for Future Technologies at the University of York, UK, and has held a Statnett-endowed professorship in Energy Informatics at NTNU, Norway. His research focuses on trustworthy AI, digital twins, cyber-physical power systems, renewable energy forecasting, smart grids, cybersecurity, digital privacy, blockchain-enabled energy systems and energy law. He holds a PhD in Electrical Engineering and Computer Science from the University of Kassel and an LL.M. (Master of Law) in Transnational IT and IP Law from the University of Göttingen. He has authored and edited books on energy informatics and digital twin technologies, published extensively, holds US patents in blockchain-enabled energy systems, and has been active in IEEE standardisation and digital privacy initiatives.