



Short CV – David Celeita

David Celeita is an Electronic Engineer, M.Sc. in Electrical Engineering and Ph.D. in Engineering from Universidad de los Andes. He is a Senior Member of IEEE, Member-at-Large of the Industry Applications Society (IAS) and he has held several research positions, including visiting researcher at the Georgia Institute of Technology, postdoctoral researcher and visiting research fellow at Université Paris-Saclay / CentraleSupélec, and visiting researcher at KU Leuven, Energyville. He has professional experience as an automation engineer in low and medium voltage applications.

Dr. Celeita has published over 38 articles in indexed journals and one patent related to real-time simulation of power systems. Currently, he is an Associate Professor and Director of Outreach and Engagement at the Faculty of Engineering, Universidad de La Sabana, Chía, Colombia where he also contributes to strategic initiatives in research, innovation, and outreach related to energy transition, artificial intelligence, and digital transformation. His research interests include smart grids, AI-driven energy systems, digital twins, renewable energy integration, synchrophasor analytics, autonomous monitoring systems, predictive maintenance, real-time simulation, and the application of artificial intelligence for fault detection, and digitalization of energy infrastructure.

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