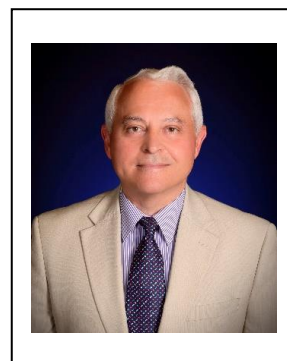


## ICRERA 2023

# 12th INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATIONS

### **Professor Dan M. Ionel**

IEEE Fellow, University of Kentucky, USA



### **Bio**

Dan M. Ionel, Ph.D., FIEEE, is Professor of Electrical Engineering and the L. Stanley Pigman Chair in Power at University of Kentucky (UK), Lexington, KY, where he also serves as the Director of the PEIK Institute and of the SPARK Lab. Before joining UK in 2015, he worked in industry, most recently as Chief Scientist and Engineer with very large multi-national Fortune 1,000 companies, and was a visiting professor with universities in Milwaukee, WI. Research and teaching include topics of renewable and sustainable energy technologies, electric machines and power electronic drives, electromagnetic devices, electrified transportation, electric power systems, smart grids and buildings.

He received the M.Eng. and Ph.D. degrees in electrical engineering from the University Politehnica of Bucharest, Romania. Dr. Ionel's doctoral program included a Leverhulme Visiting Fellowship at the University of Bath, England. He was a Postdoctoral Researcher with the SPEED Laboratory, University of Glasgow, Scotland.

Dr. Ionel contributed to technological developments with long lasting industrial impact, to many premier and large volume products, and holds more than forty patents, including a medal winner at the Geneva Invention Fair. His research has been supported by NASA, NSF, DOE, DoEd, ONR, NIST, and directly by leading industrial companies and utilities. He co-authored three books, published more than two hundred papers, including multiple winners of IEEE Best Paper Awards, and received the CG Veinott Award, the highest distinction for electromechanical energy conversion from the IEEE Power and Energy Society.

He is an IEEE Fellow, was the inaugural Chair of the IEEE Industry Applications Society Renewable and Sustainable Energy Conversion Systems Committee, Chair of the IEEE Power and Energy Society Electric

Motor Subcommittee, Editor of IEEE Transactions on Sustainable Energy, Technical Program Chair of the IEEE ECCE 2015 Congress, the General Chair of the IEEE 2017 IEMDC Conference Anniversary Edition, the Editor-in-Chief of the Electric Power Components and Systems Journal, and the Chair of the Steering Committee for the IEEE IEMDC Series of Conferences.