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<sup>1</sup>*University of Arkansas, United States;* <sup>2</sup>*Wolfspeed, Inc., United States*

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Mostak Mohammad<sup>4</sup>, Omer Onar<sup>4</sup>

<sup>1</sup>*Volkswagen Group of America, United States;* <sup>2</sup>*The University of Tennessee, United States;*

<sup>3</sup>*Volkswagen AG, Germany;* <sup>4</sup>*Oak Ridge National Laboratory, United States*

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<sup>1</sup>*National Taiwan University, Taiwan;* <sup>2</sup>*Industrial Technology Research Institute, Taiwan*

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<sup>1</sup> <i>The University of Texas at Austin, United States; <sup>2</sup>University of Missouri, United States</i>	
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*Nanjing University of Aeronautics and Astronautics, China*

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<sup>1</sup>Rafael Advanced Defense Systems Ltd., Israel; <sup>2</sup>Ben-Gurion University of the Negev, Israel

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<sup>1</sup>University of Rhode Island, United States; <sup>2</sup>Samsung Electronics, Korea

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<sup>1</sup>Nagoya Institute of Technology, Japan; <sup>2</sup>Aisin Corporation, Japan

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*University of Minnesota, Duluth, United States*

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<sup>3</sup>*Clemson University, United States; <sup>4</sup>Oak Ridge National Laboratory, United States;*

<sup>5</sup>*Rensselaer Polytechnic Institute, United States*

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<sup>1</sup>*Hanyang University, Korea; <sup>2</sup>University of Seoul, Korea; <sup>3</sup>Inter-Mobility, Korea*

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*Chongqing University, China*

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<sup>1</sup>*University of Arkansas, United States; <sup>2</sup>Electrical Power Research Institute, United States*

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<sup>1</sup>*Dankook University, Korea; <sup>2</sup>Korea Railroad Research Institute, Korea*

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*Indian Institute of Technology Guwahati, India*

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<sup>1</sup>*The University of Hong Kong, China; <sup>2</sup>Nanyang Technological University, Singapore*

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<sup>1</sup>*Virginia Polytechnic Institute and State University, United States;*  
<sup>2</sup>*Delta Electronics, United States; <sup>3</sup>Airbus, France*

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<sup>1</sup>*Virginia Polytechnic Institute and State University, United States; <sup>2</sup>Fuel Cell Energy, United States;*

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<sup>1</sup>Universidad Nacional de Ingeniería, Peru; <sup>2</sup>LAAS-CNRS, University of Toulouse, France;

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<sup>1</sup>University of Rhode Island, United States; <sup>2</sup>Samsung Electronics, Korea

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<sup>1</sup>*Indian Institute of Technology Bombay, India; <sup>2</sup>Georgia Institute of Technology, United States*

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<sup>1</sup>*National Taiwan University of Science and Technology, Taiwan; <sup>2</sup>Virginia Polytechnic Institute and State University, United States; <sup>3</sup>National Taipei University of Technology, Taiwan*

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<sup>4</sup>*Monolithic Power Systems Inc., United States*

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<sup>1</sup>*Abdullah Al Salem University, Kuwait; <sup>2</sup>German Jordanian University, Jordan; <sup>3</sup>University of Engineering & Technology, Pakistan*

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<sup>1</sup>*Kiel University, Germany; <sup>2</sup>Fraunhofer IST, Germany*

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<sup>1</sup>*NC State University, United States; <sup>2</sup>Tesla Inc., United States; <sup>3</sup>Deere & Company, United States*

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<sup>1</sup>*Dankook University, Korea; <sup>2</sup>Korea Railroad Research Institute, Korea*

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<sup>1</sup>*Stony Brook University, United States; <sup>2</sup>Tesla, United States*

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<sup>1</sup>*NC State University, United States; <sup>2</sup>Halla Mechatronics, United States*

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*<sup>1</sup>Universidad Andres Bello, Chile; <sup>2</sup>Pontificia Universidad Católica de Chile, Chile; <sup>3</sup>Università di Pisa, Italy*

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<sup>1</sup>Fraunhofer IST, Germany; <sup>2</sup>Kiel University, Germany

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<sup>1</sup>Technical University of Munich, Germany; <sup>2</sup>Universidad de Talca - Curico, Chile

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<sup>1</sup>Huazhong University of Science and Technology, China; <sup>2</sup>AECC Aero Engine Control System

Institute, China; <sup>3</sup>Beijing Institute of Precision Mechatronics and Controls, China

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<sup>1</sup>Nanyang Technological University, Singapore; <sup>2</sup>Hunan University, China

## **Topic F: Control, Modeling and Optimization of Power Converters**

### **Oral Session 21: Industrial Power Converters – Topology, Design, and Control (Session Featuring Prof. Po-Tai Cheng and Acknowledging his Contributions)**

Honorary Chair: Po-Tai Cheng

Chair(s): Pericle Zanchetta, Xiaonan Lu

**Recognition Session .....** N/A

Pericle Zanchetta<sup>1</sup>, Xiaonan Lu<sup>2</sup>

<sup>1</sup>*University of Nottingham, United Kingdom;* <sup>2</sup>*Purdue University, United States*

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<sup>1</sup>*University of Pavia, Italy;* <sup>2</sup>*Naval Postgraduate School, United States*

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<sup>1</sup>*Nagaoka University of Technology, Japan;* <sup>2</sup>*OMRON Corporation, Japan*

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<sup>1</sup>*Tampere University, Finland;* <sup>2</sup>*ABB Systems Drives, Switzerland*

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<sup>1</sup>*Southeast University, China;* <sup>2</sup>*State Grid Shanghai, China*

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<sup>1</sup>*University of Pavia, Italy;* <sup>2</sup>*University of Nottingham, United Kingdom*

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<sup>1</sup>*University of Wisconsin-Madison, United States;* <sup>2</sup>*Universidad Politécnica de Madrid, Spain*

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