



ANNUAL CONFERENCE OF THE  
IEEE INDUSTRIAL ELECTRONICS SOCIETY  
Chicago | Illinois, November 3-6, 2024



## IECON 2024 Technical Tracks



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Next page



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## Power Systems and Smart Grid

### Track chairs

**João Martins**

Universidade Nova de Lisboa, Portugal

**Suman Debnath**

Oak Ridge National Laboratory, USA

**Alexandros Paspatis**

Manchester Metropolitan University, UK

**Mohsen Hosseinzadehtaher**

Quanta Technology, USA

**Taesic Kim**

Texas A&M University - Kingsville, USA

**S.M. S. Hussain**

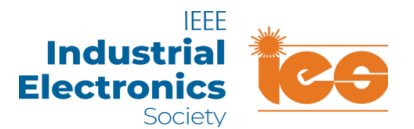
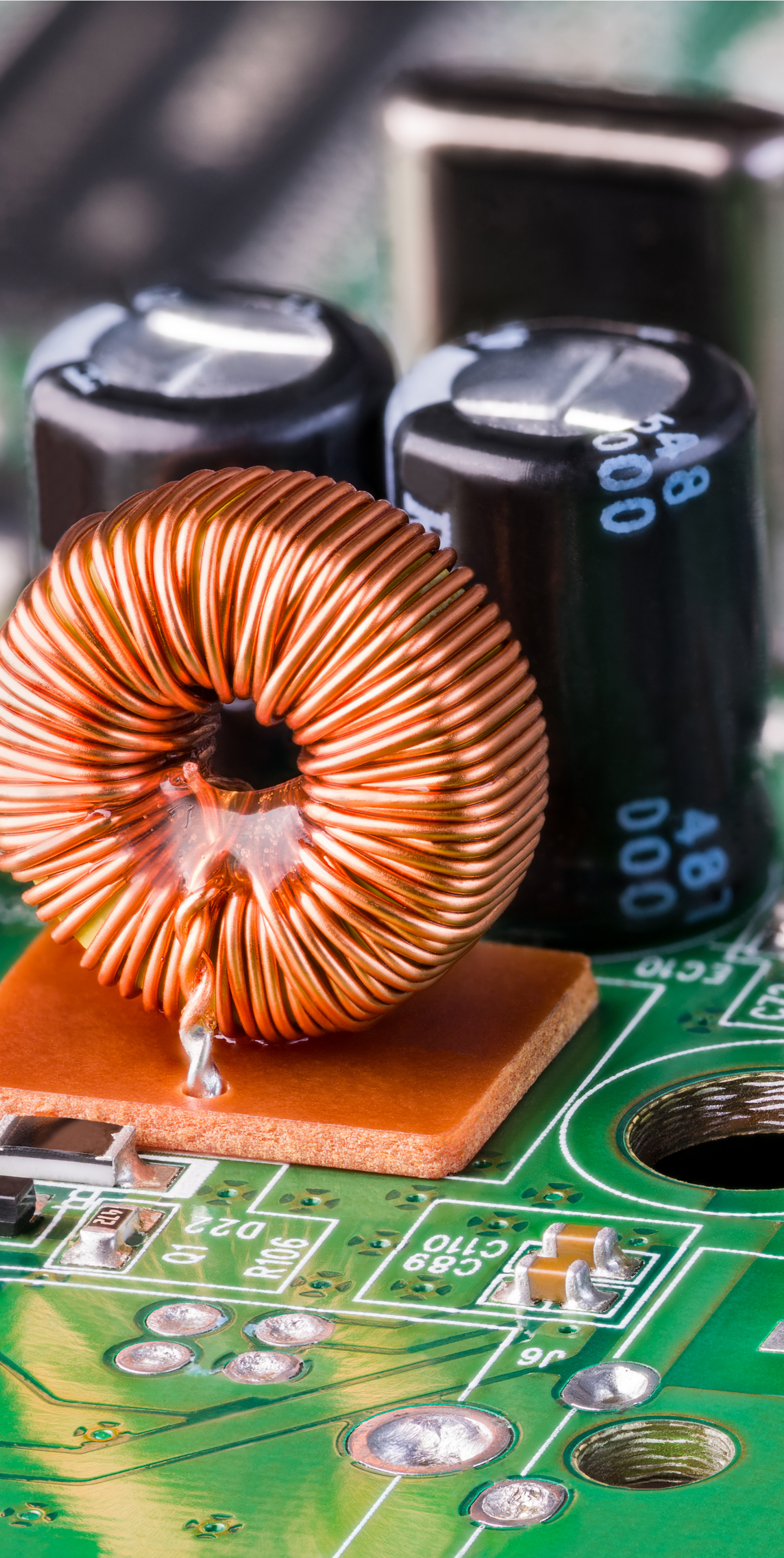
King Fahd University of Petroleum and Minerals,  
KSA

**Irfan A. Khan**

Texas A&M University – Galveston, USA



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## Power Electronics Converters

### Track chairs

**Antonio Cardoso**

University of Beira Interior, Portugal

**Hadi Kanaan**

Saint-Joseph University of Beirut, Lebanon

**Behrooz Mirafzal**

Kansas State University, USA

**Vitor Pires**

EST Setubal, Portugal

**Abdellah Kouzou**

University of Djelfa, Algeria

**Pradyumn Chaturvedi**

Visvesvaraya National Institute of Technology, India

**Hasan Komurcugil**

Eastern Mediterranean University, Turkey

**Jinia Roy**

University of Wisconsin Madison, USA

**Yaosuo Xue**

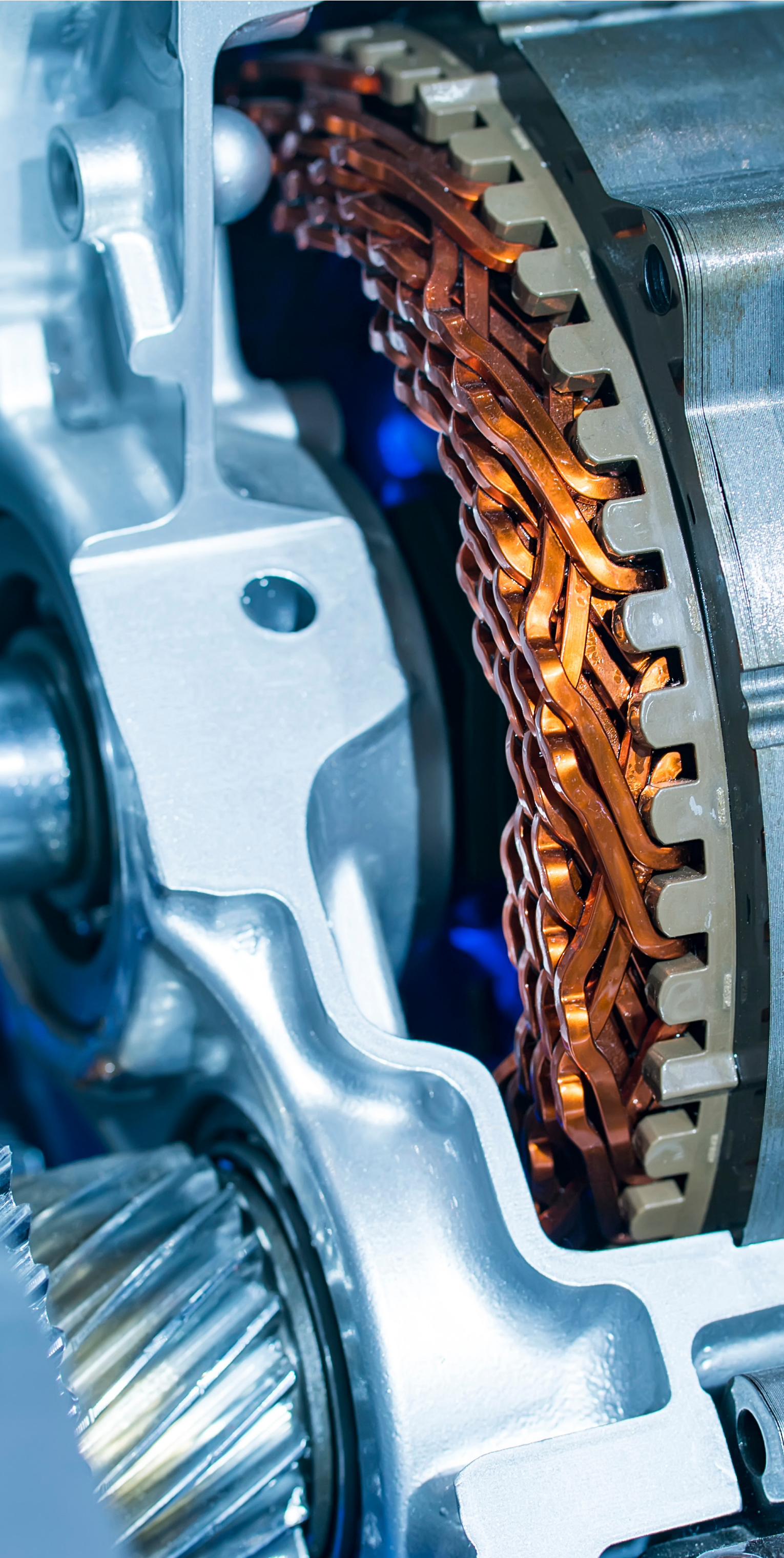
Oakridge National Laboratory, USA

**Mohamed Trabelsi**

Kuwait College of Science and Technology, Kuwait

**Liping Guo**

Northern Illinois University, USA



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## Electric Machines and Industrial Drives

### Track chairs

**Jose Antonino-Daviu**

Universitat Politècnica de València, Spain

**Thomas Wolbank**

Vienna University of Technology, Austria

**Jonas Kristiansen Nøland**

NTNU, Norway

**Omid Beik**

Colorado School of Mines, USA

**Shafiqh Nategh**

Polestar, Sweden

**Davide Barater**

University of Modena and Reggio Emilia, Italy

**Hassan H. ElDeeb**

SLPT Automotive, USA

**Balanthi Beig**

Khalifa University of Science and Technology, UAE



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## Renewable Energy and Energy Storage Systems

### Track chairs

**Chandan Kumar**

Indian Institute of Technology, Guwahati, India

**Roberto Saletti**

University of Pisa, Italy

**Ali Mehrizi**

Virginia Tech, USA

**Pritam Das**

State University of New York, Binghamton, USA

**Zheng Wang**

Southeast University, Nanjing, China

**Giovanni Migliazza**

University of Modena and Reggio Emilia, Italy

**Zian Qin**

Technische Universiteit Delft, Netherland

**Roohallah Khatami**

Southern Illinois University, USA

**Yang Li**

Chalmers University of Technology, Sweden

**Hassan A Khan**

Lahore Univ. of Management Sciences, Pakistan

**Gab-Su Seo**

National Renewable Energy Laboratory, USA

# Resilient Control Architectures for Energy Systems

## Track chairs

**Thomas Strasser**

Austrian Institute of Technology, Austria

**Hao Luo**

Harbin Institute of Technology, China

**Xiaohua Ge**

Swinburne University of Technology, Australia

**Ahmad Khan**

Quanta Technology, USA

**Zhaoyu Wang**

Iowa State University, USA

**Subham Sahoo**

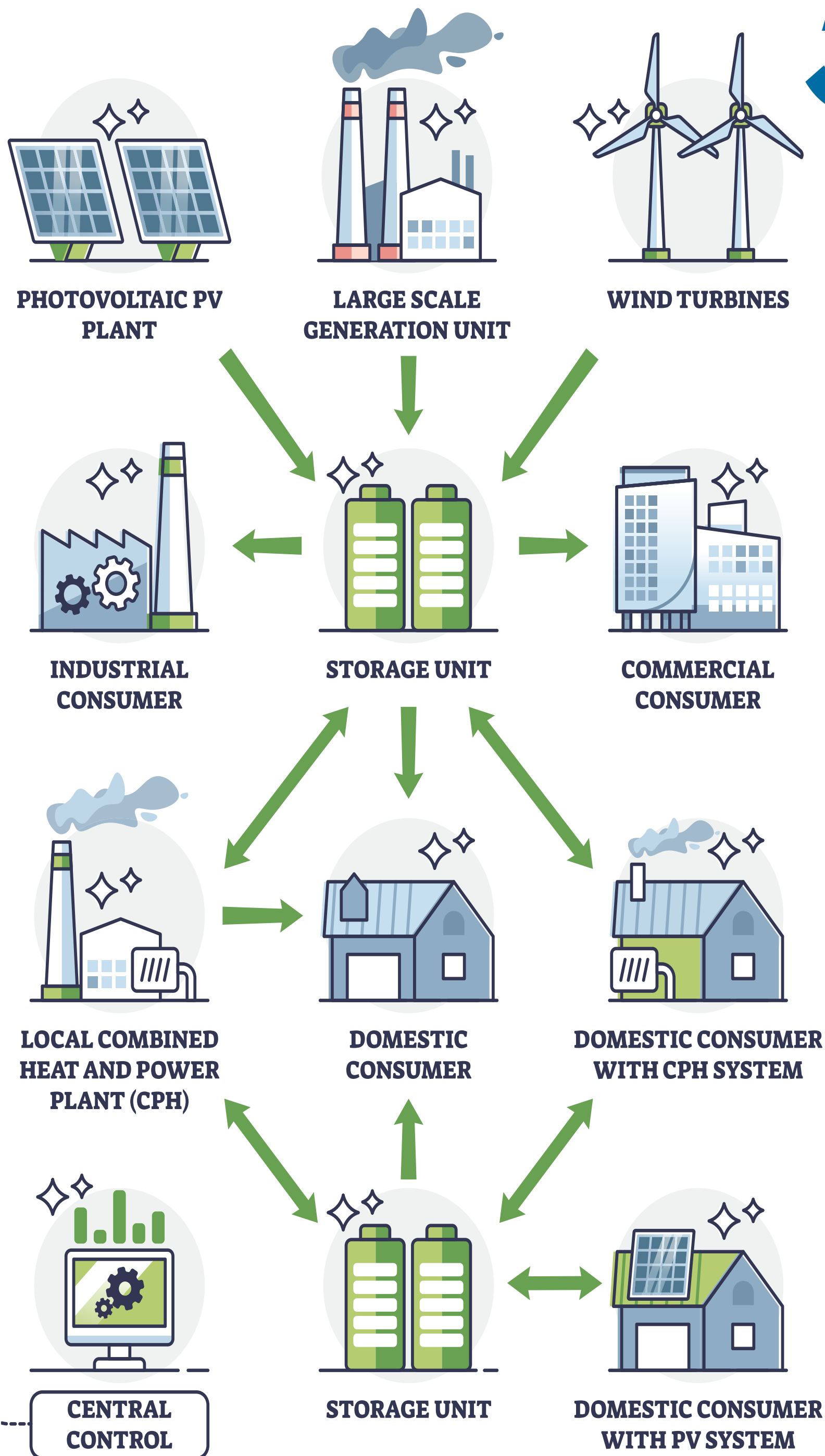
Aalborg University, Denmark

**Yonghao Gui**

Oak Ridge National Laboratory, USA

**Federico Baronti**

University of Pisa, Italy





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## Smart Building Technologies

### Track chairs

**Mahmoud Alahmad**

University of Nebraska-Lincoln, USA

**Jeannie Kim**

Argonne National Lab, USA

**Hiroaki Nishi**

Keio University, Japan

**Zhaoyun Zeng**

Argonne National Lab, USA





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## Transportation Electrification and Automotive Technologies

### Track chairs

**Giambattista Gruosso**

Politecnico di Milano, Italy

**Jinan Zhang**

EATON, USA

**Ritesh K. Keshri**

Visvesvaraya National Institute of Technology, India

**Michael Galea**

Univ. of Malta, Malta / Univ. of Nottingham, UK

**Joseph Benzaquen**

Georgia Institute of Technology, USA

**Xiao Li**

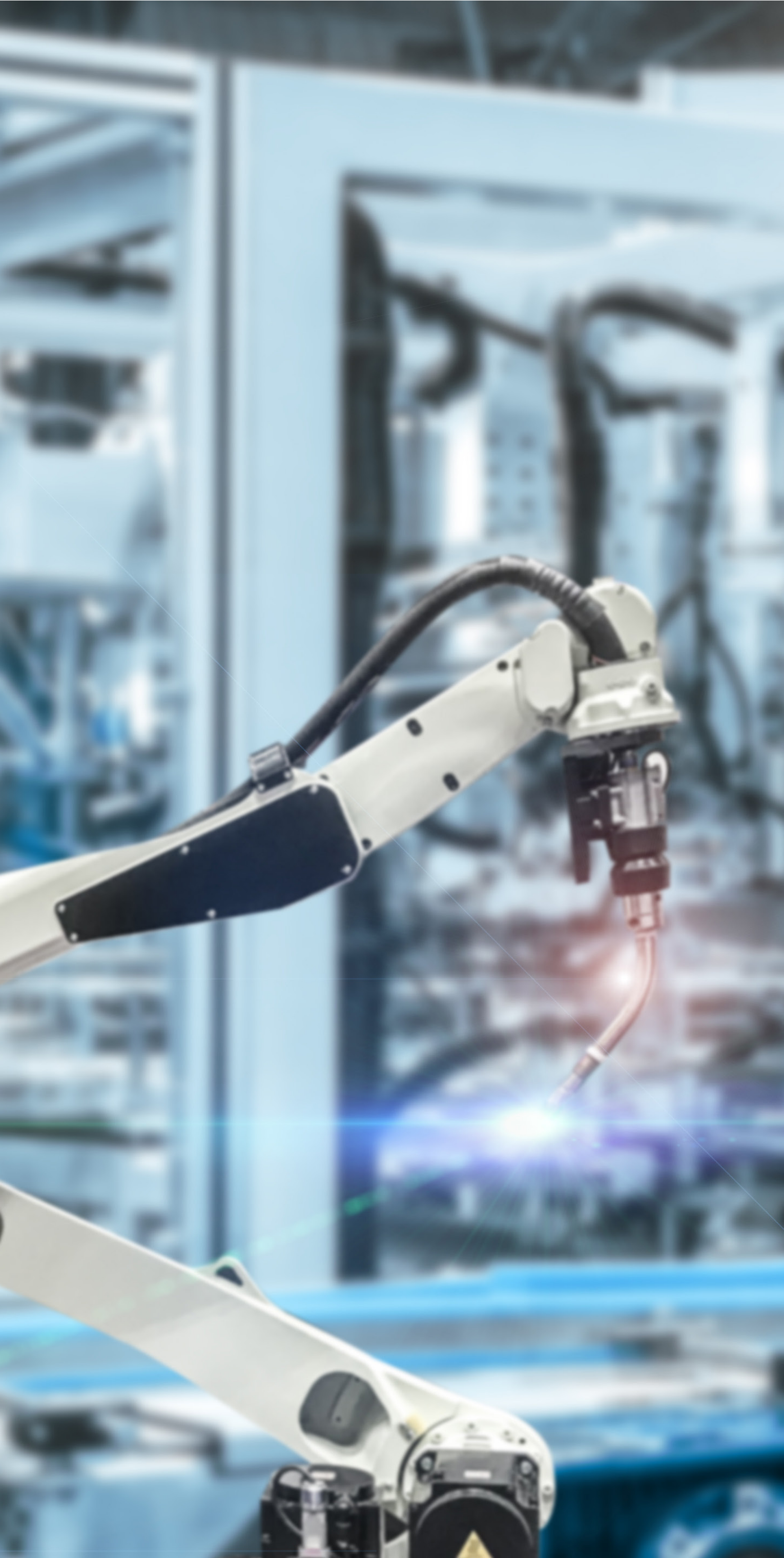
Beihang University, China

**Arun Kumar Verma**

Indian Institute of Technology, Jammu, India







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## Control Systems and Applications

### Track chairs

**Kenta Seki**

Nagoya Institute of Technology, Japan

**Valentine Ivanov**

Technical University of Ilmenau, Germany

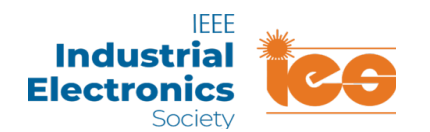
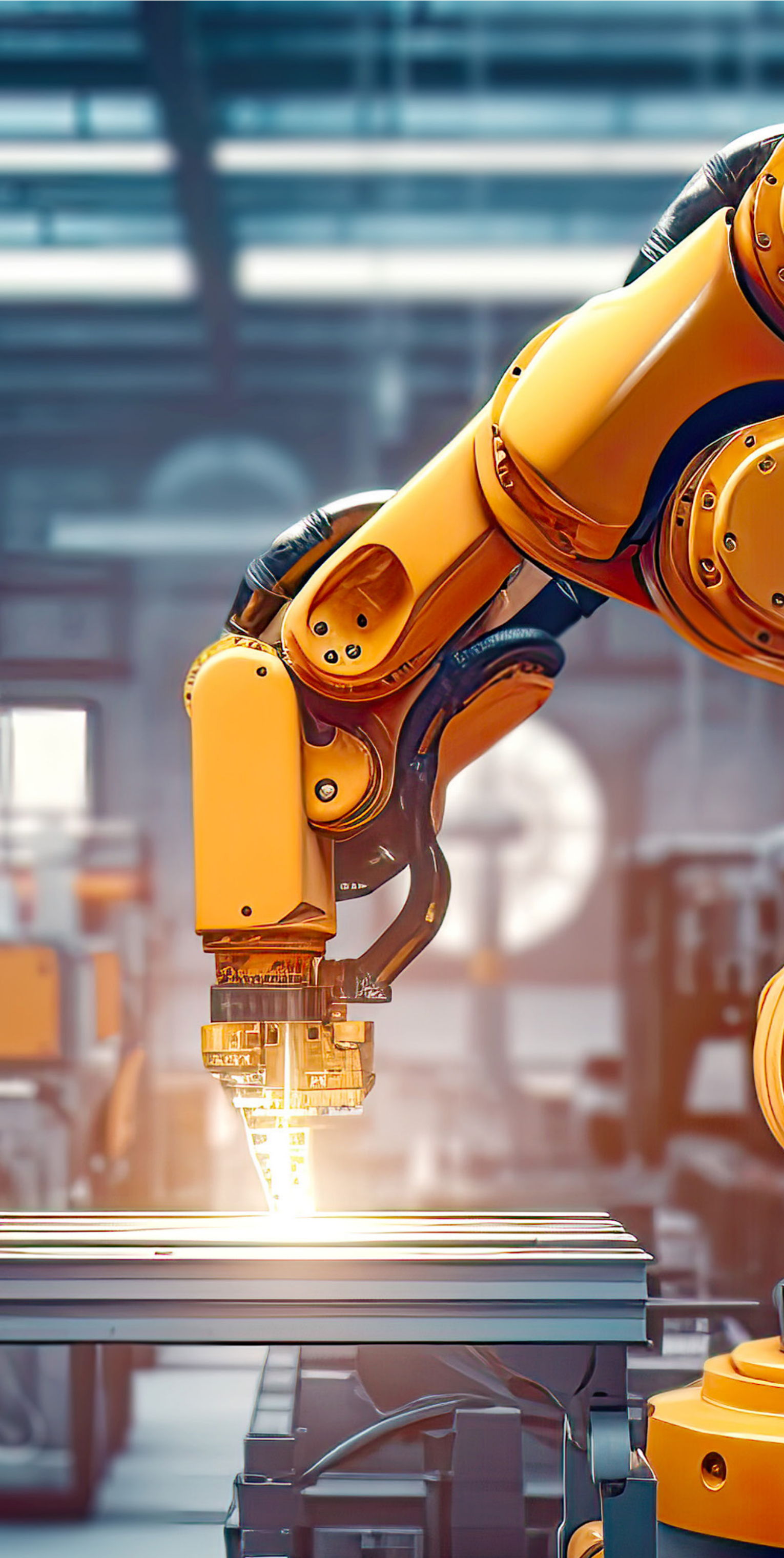
**Sehoon Oh**

DGIST, South Korea

**Masahiro Mae**

University of Tokyo, Japan





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## Mechatronics and Robotics

### Track chairs

**Gabor Sziebig**

SINTEF Manufacturing, Norway

**Yingxiang Liu**

Harbin Institute of Technology, China

**Emre SARIYILDIZ**

University of Wollongong, Australia





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## Computational Intelligence and Signal and Image Processing

Track chairs

**Wenbin Dai**

Shanghai Jiao Tong University, China





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## Sensors, Actuators and Micro- Nanotechnology

### Track chairs

**Naoki Motoi**

Kobe University, Japan

**Seiichiro Katsura**

Keio University, Japan

**Hailing Fu**

Beijing Institute of Technology, China

**Boby George**

Indian Institute of Technology, Madras, India





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## Electronic Systems on Chip and Embedded Systems

### Track chairs

**Alin-Sasa Tisan**

Royal Holloway, Univ. of London Egham, UK

**Tarek Ould-Bachir**

Polytechnique Montréal, Canada

**Bruno Allard**

INSA Lyon, France



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## Cyber-Physical Systems and Internet of Things in Industry

### Track chairs

**Kunwu Zhang**

University of Victoria, Canada

**Paulo Leitão**

Polytechnic Institute of Bragança, Portugal

**Siby Jose Plathottam**

Argonne National Laboratory, USA

**Luis Ribeiro**

Linköping University, Sweden





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## Communication for Industrial and Factory Automation

### Track chairs

**Gerhard P. Hancke**

City University of Hong Kong, Hong Kong

**Zhibo Pang**

ABB Corporate Research, Sweden

**Reza Abrishambaf**

Miami University, USA

**Zheng Liu**

University of British Columbia, Canada

**Moris Behnam**

Malardalen University, Sweden

**Marco Porta**

Università di Pavia, Italy





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## Industrial Informatics, Cloud Computing and Big Data

### Track chairs

**Katarina Grolinger**

Western University, Canada

**Mohamed Elhoseny**

University of Sharjah, UAE

**Cheng Pang**

Googol Technology (Shenzhen) Ltd, China

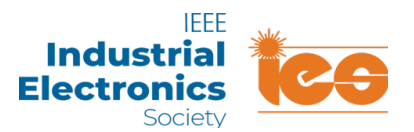
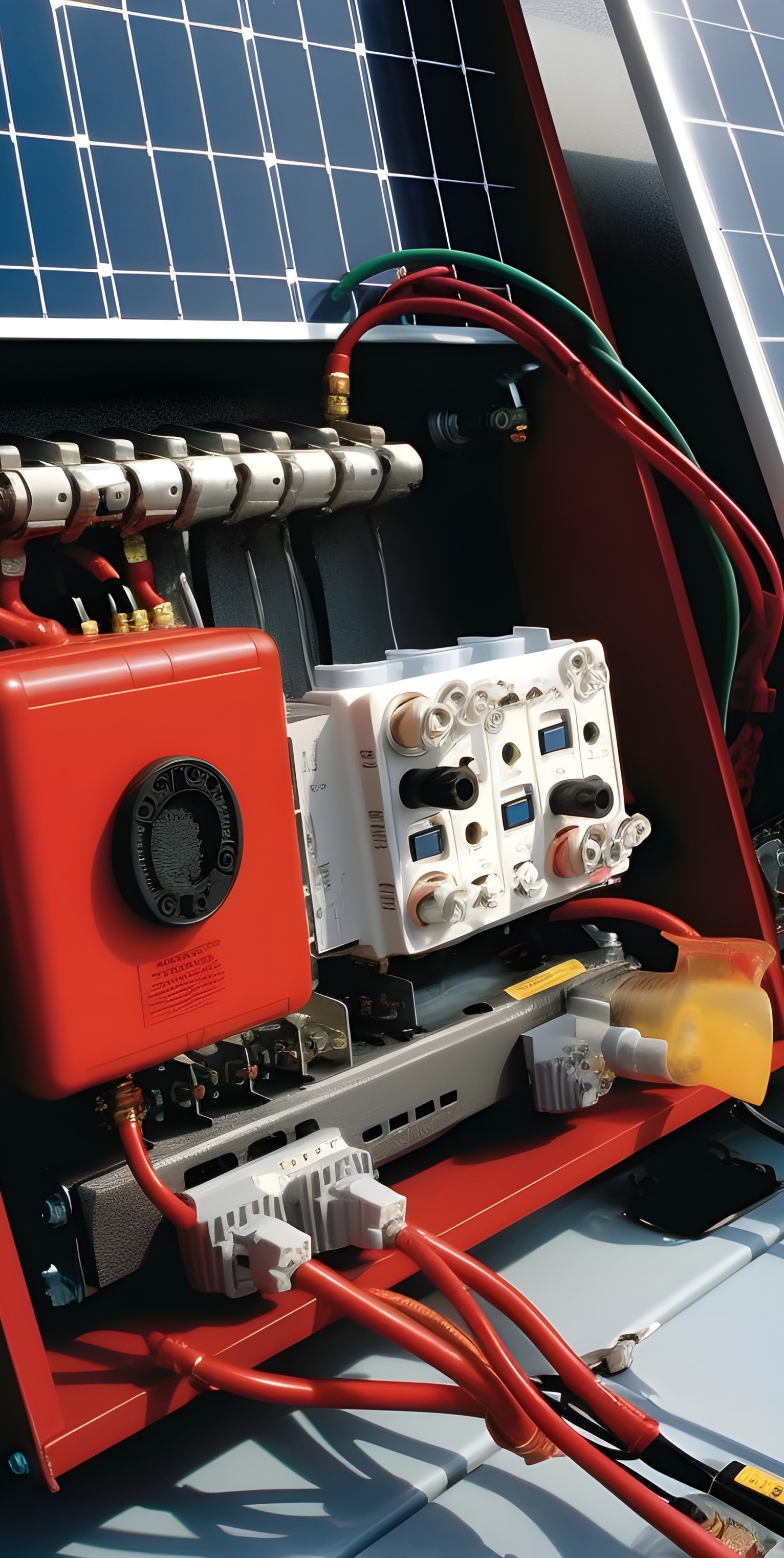
**Chen-Wei Yang**

Luleå tekniska universitet, Sweden



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## Industrial Electronics and Education

### Track chairs

**Kazuhiro Umetani**

Okayama University, Japan

**Larisa Dunai**

Universitat Politècnica de València, Spain

**Abdellah Touhafi**

Vrije Universitet Brussel, Belgium





# ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY

Paper submission is open!

Paper submission due date: **April 15, 2024**

Conference dates: **November 3-6, 2024**

Venue: **Sheraton Grand Chicago Riverwalk, Illinois, USA**



More info and updates available on  
[www.iecon-2024.org](http://www.iecon-2024.org)

