



as of August 5, 2021

## Confirmed Symposia and Invited Speakers

### SYMPOSIA SPEAKERS

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#### Application of Symmetry Breaking in Correlated and Quantum Magnetic Materials

**VALENTINA BISOGNI**

Brookhaven National Laboratory

**ALESSANDRO MAZZA**

Oak Ridge National Laboratory

**THOMAS VOJTA**

Missouri University of Science and  
Technolog

**ER-JIA GUO**

Beijing National Laboratory for  
Condensed Matter Physics and Institute  
of Physics, Chinese Academy of Sciences

**YAYOI TAKAMURA**

University of California, Davis

#### Exploring Magnetism at the Nanoscale with Scanning NV Magnetometry

**VINCENT JACQUES**

Laboratoire Charles Coulomb, Université  
de Montpellier and CNRS

**ELKE NEU**

Biophysics and Quantum Sensing Group,  
TU Kaiserslautern

**JOERG WRACHTRUP**

Physikalisches Institut, University of  
Stuttgart

**ANIA BLESZYNSKI JAYICH**

Quantum Sensing and Imaging  
Group, University of California, Santa  
Barbara

**URI VOOL**

Department of Physics, Harvard  
University

#### Freestanding Complex Oxide Films: A New Paradigm for Magnetic Heterostructures

**PURNIMA BALAKRISHNAN**

National Institute of Standards and  
Technology

**HYUN KUM**

Massachusetts Institute of Technology

**YUEFENG NIE**

Nanjing University

**HAROLD HWANG**

Stanford University

**MING LIU**

Xi'an Jiaotong University

#### Frontiers of Orbital Physics: Statics, Dynamics, and Transport of Orbital Angular Momentum

**MANUEL BIBES**

Université Paris-Saclay

**ANNIKA JOHANSSON**

University Halle-Wittenberg

**ANDREI SIRENKO**

New Jersey Institute of Technology

**DONGWOOK GO**

Peter Grünberg Institut

**MATHIAS KLAUI**

Johannes Gutenberg-University Mainz

#### Next Generation Electrical Machines

**AYMAN EL-REFAIE**

Marquette University

**JEAN-PHILIPPE LECOINTE**

Université d'Artois

**NOUREDDINE TAKORABET**

Université de Lorraine

**JOHAN PAULIDES**

Advanced Electromagnetics Group

**RONGHAI QU**

Huazhong University of Science &  
Technology (HUST)



## **Soft Magnetic Components and Materials for Emerging Power Conversion Applications**

**SUBHASHISH BHATTACHARYA**  
North Carolina State University

**MICHAEL MCHENRY**  
Carnegie Mellon University

**ERIC THEISEN**  
Metglas, Inc.

**VINCENT HARRIS**  
Northeastern University

**PAUL OHODNICKI**  
University of Pittsburgh

## **Spintronic Diodes: Challenges and New Directions**

**GIOVANNI FINOCCHIO**  
University of Messina

**JULIE GROLLIER**  
CNRS, Université Paris Saclay

**HYUNSOO YANG**  
National University of Singapore

**OLENA GOMONAY**  
Johannes Gutenberg-University Mainz

**ANDREI SLAVIN**  
Oakland University

## **INVITED SPEAKERS**

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**JOHAN ÅKERMAN**  
University of Gothenburg

**JUNJI FUJIMOTO**  
University of Tokyo

**SHUN KANAI**  
Tohoku University

**YASUFUMI ARAKI**  
Japan Atomic Energy Agency

**EROL GIRT**  
Simon Fraser University

**JORDAN KATINE**  
Western Digital

**AMILCAR BEDOYA PINTO**  
Max Planck Institute for Microstructure Physics

**SEBASTIAN GLIGA**  
Paul Scherrer Institute

**JAROSLAW KLOS**  
Adam Mickiewicz University

**ANDERS BERGMAN**  
Uppsala University

**MATEUSZ GORYCA**  
University of Warsaw

**SAM LADAK**  
Cardiff University

**WILL BRANFORD**  
Imperial College

**MINORI GOTO**  
Osaka University

**KAI LIU**  
Georgetown University

**JINGSHENG CHEN**  
National University of Singapore

**PAWEL GRUSZECKI**  
Adam Mickiewicz University

**PAULA MELLADO**  
Adolfo Ibáñez University

**TAKAHIRO CHIBA**  
National Institute of Technology,  
Fukushima College

**XIUFENG HAN**  
Institute of Physics, Chinese Academy of  
Sciences

**ANNETTE MÜTZE**  
Graz University of Technology

**ENRIQUE DEL BARCO**  
University of Central Florida

**ALES HRABEC**  
ETH Zurich & Paul Scherrer Institute

**MIKIHICO OOGANE**  
Tohoku University

**HAIFENG DU**  
High Magnetic Field Laboratory, Chinese  
Academy of Sciences

**HARIOM JANI**  
National University of Singapore

**WILLIAM PERIA**  
University of Minnesota



**JORGE PUEBLA**  
EMS RIKEN

**QUENTIN REMY**  
Lorraine University

**MONTSERRAT RIVAS**  
University of Oviedo

**DAVI RODRIGUES**  
University of Duisburg-Essen

**QIMIAO SI**  
Rice University

**CHENG SONG**  
Tsinghua University

**BETHANIE STADLER**  
University of Minnesota

**YUTARO TAKEUCHI**  
Tohoku University

**OLEKSII VOLKOV**  
Helmholtz-Zentrum Dresden-Rossendorf

**NEIL WILSON**  
Camfridge Ltd.

**MINGZHONG WU**  
Colorado State University

**YUTA YAMANE**  
Tohoku University

**GEN YIN**  
Georgetown University

**WEINAN ZHOU**  
National Institute for Materials Science