

Joint International Conference on ICMAP 2020 & ISFM 2020

August 16-20, 2020 | August 16-19, 2020
PHOENIX JEJU Hotel & Resort, Jeju Island, Korea

Dr. Julian Schulze

Department of Electrical Engineering, Ruhr-University
Bochum, Germany

Department of Physics, West Virginia University, USA

School of Physics, Dalian University of Technology,
Dalian, China



University Education

- Ruhr- University Bochum, Germany
Habilitation, Plasma Technology, 2019
Ph.D., Physics, 2009
Diploma, Physics, 2006

Academic and Research Positions

- Ruhr University Bochum, Germany
Akademischer Rat, Department of Electrical Engineering
- West Virginia University, USA
Adjunct Associate Professor, Department of Physics
- Dalian University of Technology, China
Visiting Research Professor, School of Physics

Joint International Conference on ICMAP 2020 & ISFM 2020

August 16-20, 2020 | August 16-19, 2020
PHOENIX JEJU Hotel & Resort, Jeju Island, Korea

Research Interests

- Low Temperature Plasma Technology
- Radio Frequency Plasmas
- Control of Particle Dynamics and Distribution functions

Selected Academic Honors and Awards

- Hershkowitz award (2015, Plasma Sources Science and Technology)
- Award for Outstanding Quality of Teaching, Ruhr-University Bochum (5x5000 award, 2012)
- Hans Werner Osthoff award for Plasma Physics (Max-Planck society, 2012)
- Ph.D. award of the European Physical Society Plasma Physics Division (2011)

Publications

110 publications in low temperature plasma science in peer reviewed international journals (2796 citations, H-index: 31, Google Scholar:

<https://scholar.google.de/citations?user=7CYrMRAAAAJ&hl=de>)

250 contributions to national and international conferences on low temperature plasma science.

Other activities

- Editorial Board Member: Plasma Sources Science and Technology
- Guest-Editor Plasma Sources Science and Technology (special issues on electron heating in technological plasmas, plasma-surface interactions, and Voltage Waveform Tailoring)
- GEC Executive Committee Chair Elect