

ICMAP 2018

The 7th International Conference on Microelectronics and Plasma Technology

July 24–28, 2018 / Songdo ConvensiA, Incheon, Korea

Dr. Julian Schulze

Department of Electrical Engineering, Ruhr-University
Bochum, Germany

Department of Physics, West Virginia University, USA



University Education

- Ruhr- University Bochum, Germany
Ph.D., Physics, Nov. 26th 2009
Diploma, Physics, Mar. 2006

Academic and Research Positions

- Ruhr University Bochum, Germany
06/2016 - present, Akademischer Rat, Department of Electrical Engineering
- West Virginia University, USA
09/2016 - present, Research Assistant Professor, Department of Physics
11/2013 - 08/2016, Assistant Professor, Department of Physics

Research Interests

- Low Temperature Plasma Technology
- Charged Particle Dynamics in Radio Frequency (RF) Plasmas
- Control of Distribution functions in RF Plasmas

Selected Academic Honors and Awards

- Hershkowitz award (2015, Plasma Sources Science and Technology)
- Award for Outstanding Quality of Teaching, Ruhr-University Bochum

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(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

85 publications in low temperature plasma science in peer reviewed international journals (2060 citations, H-index: 26, Google Scholar: <https://scholar.google.de/citations?user=7CYrMRAAAAAAJ&hl=de>)

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

Other activities

- Editorial Board Member: Plasma Sources Science and Technology
- Editorial Board Member: Frontiers in Physics
- Guest-Editor Plasma Sources Science and Technology (special issues on electron heating in technological plasmas and on plasma-surface interactions)
- GEC 2017 organizing committee