

SCALABLE LASER SYNTHESIS OF COLLOIDAL NANOPARTICLES FOR ENERGY CONVERSION APPLICATIONS

- Pulsed Laser Ablation in Liquids

- Advanced Nanomaterials & Nanotechnology

- Renewable and Sustainable Energy Solutions



Prof. Dr. Stephan Barcikowski

UNIVERSITÄT
DUISBURG
ESSEN

Guest Speaker at



Cape Peninsula
University of Technology
creating futures

**Hybrid
Event**

- PhD, mechanical engineering, Leibniz University of Hannover
- Head of the Institute of Technical Chemistry I (TC I) at the University of Duisburg-Essen
- Author of more than 500 scientific publications on nanomaterials and laser processing
- Co-founder of the Particular GmbH company in Germany
- His multidisciplinary research group at UDE is working on Laser-Generated Functional Nanoparticles and Materials for:
 - Electrochemical energy storage and conversion devices
 - Renewable energy applications
 - Bioactive implants
 - Functional nanohybrids, nanocomposites, nanobiomarker
 - Laser material processing and additive manufacturing
 - Nanocatalysis



Date : June 22, 2022 (Wednesday)

Time : 12h00 to 13h00 (SA time)

Venue: CPUT, conference room

Register Now!
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