

## TILA-LIC 2023 - Invited Speakers

Erik BECKERT (Fraunhofer Institute for Applied Optics and Precision Engineering, Jena, Germany)

*"A Space-Suitable, Miniaturized 100 mW DPSS Laser at 532 nm for J AXA's Phobos Mission"*

Raoul-Amadeus LORBEER (DLR, German Aerospace Center, Stuttgart, Germany)

*"Compact Laser Pumping and Amplification Concept using a Wedged-Thin-Disk"*

Yung-Fu CHEN (National Chiao Tung University, Taiwan)

*"Fast model for optimizing passively Q-switched lasers"*

Sreenath GUPTA (Argonne National Laboratory, USA)

*"Development of a Laser Igniter for a Syngas Fueled Direct-Fired Supercritical CO<sub>2</sub> Cycle"*

Hideki Moriai (Kanazawa Institute of Technology, Ishikawa, Japan)

*"Laser Propulsion Research - Conversion of Laser Energy into Thrust in Space"*

Xavier MATEOS (Universitat Rovira i Virgili, Tarragona, Spain)

*"Structured Materials for Micro-Lasers at 2 pm"*

Jan HOSTAŠA (CNR-ISTEC, Institute of Science and Technology for Ceramics, Faenza, Italy)

*"2D-Structured Ceramic Laser Gain Media, Laser Waveguides"*

Gerhard KROUPA (Silicon Austria Labs., Villach, Austria)

*"Fibre Distribution Tests and Recent Applications of the Miniaturized HiPoLas Ignition System"*

Lukas SCHRÖDER (University of Bayreuth, Bayreuth, Germany)

*"Combustion Analysis of a Laser-Based and an Electrical Ignition System for Directly Injected Methane in a Rapid Compression Machine"*

Takunori TAIRA (RIKEN SPring-8 Center, Hyogo, Japan)

*"Tiny Integrated Lasers towards Giant Micro-photonics"*