



The 27th International Symposium on Laser
Precision Microfabrication
June 9-12, 2026

www.clemson.edu/cecas/lpm2026/



LPM 2026

The International Symposium on Laser Precision Microfabrication (LPM) conference has been the flag-ship conference organized and managed by the Japan Laser Processing Society since its inception in 2000.



Aim and Scope

The aim of the International Symposium on Laser Precision Microfabrication (LPM) is to provide a forum for discussion of fundamental aspects of laser-matter interaction, the state-of-the-art of laser materials processing, and topics for the next generation with scientists, end users and laser manufacturers. We expect that LPM2026 will play an important role not only in understanding fundamental knowledge of laser precision microfabrication but also in forecasting future lasers and the market.

Important Dates

March 9, 2026: Abstract Submission Deadline (Extended)

April 1, 2026:
Early-bird Registration Deadline

May 1, 2026:
Advanced Registration Deadline

June 9 - 12, 2026:
LPM 2026 Conference

June 12, 2026:
Proceedings Submission Deadline

About Greenville, SC

Nestled in the foothills of the Blue Ridge Mountains, Greenville, SC blends Southern charm with vibrant city life. Stroll along the scenic Liberty Bridge overlooking waterfalls, explore a thriving art scene, and enjoy top-rated restaurants and cozy cafes. With its walkable downtown and warm hospitality, Greenville offers a perfect mix of nature, culture, and relaxation.



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LPM2026 Topics

- Fundamentals of laser-materials interaction
- Modeling, simulation, and AI approaches for laser-material interactions
- Laser-based direct writing
- 3D printing and additive manufacturing
- Lithography (including EUV source and application)
- Laser synthesis and processing of functional nanomaterials
- Film deposition and synthesis of advanced materials (PLD, CVD, etc.)
- Laser-induced forward/backward transfer (LIFT/LIBT) techniques
- Laser drilling, cutting, and forming
- Micro-welding and micro-bonding
- Micro/nano-machining and fabrication
- Surface micro/nano structuring
- Surface modification (such as polishing, cleaning, shock peening, and heat treatment)
- Glass, ceramic, and other transparent materials processing
- Process monitoring and control
- Beam shaping
- Novel systems and Processes (VUV laser, X-ray, and GHz bursts and more)
- Laser sources and systems
- Packaging and mounting process
- Manufacturing of micro-devices and systems
- Sensing, diagnostics, and instrumentation
- Laser processing for battery, fuel-cell, electrolyzer, fusion energy, and other energy devices
- Laser material processing for extreme environments
- Other industrial applications (energy, semiconductor, aerospace, biomedical, manufacturing, automotive, and more)
- Special sessions: (1) In-situ Metrology for laser micro machining; (2) AI for laser micro machining

Committee Chairs

General Chair:

- Prof. Yasuhiro Okamoto, Hiroshima University, Japan

Co-Chairs:

- Prof. Hai Xiao, Clemson University, USA
- Prof. Yongfeng Lu, University of Nebraska-Lincoln, USA
- Prof. Dr. Ing. Michael Schmidt, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
- Prof. Mitsuhiro Terakawa, Keio University, Japan

Program Committee Chairs:

- Prof. Jie Qiao, Rochester Institute of Technology, USA
- Prof. Xin Zhao, Clemson University, USA

Honorary Chairs:

- Prof. Dr. Isamu Miyamoto, Osaka University, Japan
- Dr. Koji Sugioka, RIKEN, Japan
- Dr. Hiroyuki Niino, AIST, Japan

Steering Committee Chair:

- Dr. Etsuko Mieda, Clemson University, USA

Conference Host Hotel



Hyatt Regency
220 N Main St,
Greenville, SC

Special Room Rates
Exclusive to LPM
Conference Attendees

For venue, travel, and full conference information visit the LPM2026 website:

