LaP 2020
4th Conference on Laser Polishing
Call for Contributions
Scope of the Conference
The scientific community of laser polishing is constantly growing. New developments open up new applications fostering new projects. The third Conference on Laser Polishing LaP 2018 was a great success and reflects the interest the scientific and industrial communities have in this new advanced manufacturing technology. The presentations showed a broad spectrum of results for laser polishing of glasses, metals and plastics. This included among others a case study on economics for laser polishing of marine propellers up to scientific results on polishing of SLS parts. The conference was attended by more than 80 participants from various industrial and scientific sectors. There is clearly a significant demand for a cost-effective, automated finishing process as a viable alternative to conventional abrasive methods.

To continue this successful exchange, the 4th Conference on Laser Polishing LaP 2020 will be held from September 16 to 17, 2020, in Aachen, Germany. The conference aims to present scientific and application-related results on laser polishing, to bring together the people working all over the world on laser polishing, and to promote and stimulate discussions and new scientific cooperation.

Call for Contributions LaP 2020 / Submission of Abstracts
You are invited to give a presentation on your work on laser polishing. Please send an abstract of your presentation using the enclosed template by March 31, 2020 to edgar.willenborg@ilt.fraunhofer.de. A notification regarding the acceptance of contributions will be sent by April 30, 2020. Presentations may last a maximum of 30 min with 20–25 min for the presentation and 5–10 min for discussion. Please note that the abstracts will be published in the conference handout.

We are looking forward to meeting you at the 4th Conference on Laser Polishing LaP 2020.

Sincerely,

Dr. Edgar Willenborg
Fraunhofer Institute for Laser Technology ILT
Main Topics

- Laser polishing of metals
  (e.g. functional and design surfaces, additive manufactured parts, dies, tools)
- Laser polishing of glass and laser-based processes for manufacturing optical surfaces
- Laser polishing of other materials such as ceramics, CVD diamond films, plastics
- Laser deburring
- Further related topics (e.g. metrology for laser polished surfaces)

General Information

The conference will be held at the Fraunhofer Institute for Laser Technology ILT in Aachen, Germany. The conference language is English. The program is scheduled to start on Wednesday September 16, 2020, at 9 am and will end on Thursday September 17 in the afternoon. On Wednesday evening a conference dinner is scheduled. The conference fee will be € 370,- payable on receipt of invoice by attendees as well as speakers.

Schedule

- Deadline for abstract submission: March 31, 2020
- Notification of acceptance: April 30, 2020
- Registration deadline for conference: July 31, 2020
- Conference LaP 2020: September 16 to 17, 2020

Scientific Committee

- Dr. Evgueni Bordatchev, Ph.D.
  National Research Council Canada
- Prof. Frank E. Pfefferkorn, Ph.D.
  University of Wisconsin-Madison
- Prof. Johannes Henrich Schleifenbaum
  RWTH Aachen University, Chair DAP
- Dr. Edgar Willenborg
  Fraunhofer Institute for Laser Technology ILT
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