



<https://lipss10.sciencesconf.org>

SECOND ANNOUNCEMENT

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INTRODUCTION

Surface texturing and structuring of materials at the micro and nano scales is an attractive topic for advanced technologies and life applications in a variety of fields including energy harvesting, functional surfaces, medicine, as well as bio and eco-systems. **Laser Induced Periodical Surface Structures (LIPSS)** are at the heart of several projects conducted throughout many European and international institutions and research labs. LIPSS items under various scientific journals databases show a consistently growing trend in surface structuring. Following a hiatus of a couple of years due to the COVID-19 pandemic, we are glad to announce the **10th Int. LIPSS Workshop** that aims at welcoming all scientists from the laser community (and those from the ion/electron beams community are also welcomed!) to share recent progress in LIPSS formation and surface structuring mechanisms through experimental and theoretical approaches. With the technical assistance and support of the **University of Orléans**, the **CNRS**, and the **Studium**, Orléans will offer a beautiful and stimulating environment for the success of this workshop.



SCOPE AND OBJECTIVES

Following the previous editions in **Saint-Etienne (2017)**, **Bochum (2018)** and **Ljubljana (2019)**, the tenth LIPSS Workshop in **Orléans** will be especially devoted to recent progress and studies on mechanisms formation, considering a wide range of materials (polymers, oxides, metal alloys and compounds, carbon hybrid surfaces...) using various laser sources from short to ultra-short beams pulses. The workshop will also tackle various facets of the science and technology of LIPSS, starting with fundamentals and extending to more applied aspects such as large area processing as well as real-life applications and potential implementation in an industrial setting.

WHO SHOULD ATTEND?

This workshop is intended for all researchers, scientists and students working on LIPSS formation in European and international universities, research centers and institutes as well as in the private sector. Attendees will have the opportunity to bring their questions to leaders in the field of laser-matter interaction for material processing. The workshop will take place in person to provide maximum interaction between participants*.

The workshop is **free of charge** and registration includes coffee breaks, lunches and the workshop's Gala dinner

Deadline for registration : Wednesday, 31st of August





CONFIRMED SPEAKERS*

- **Dr. Jörn Bonse**, Federal Institute for Materials Research and Testing, Berlin - Germany.
- **Dr. Esther Rebollar Gonzalez**, Instituto de Química Física Rocasolano, CSIC, Madrid - Spain.
- **Pr. Jean-Philippe Colombier**, Laboratoire Hubert Curien, Saint-Etienne – France.
- **Dr. George D. Tsibidis**, Institute of Electronic Structure and Laser, Heraklion, Greece.
- **Dr. Xxx Sedao**, Laboratoire Hubert Curien, Saint-Etienne – France.
- **Pr. Johannes Heitz**, Institute of Applied Physics, Johannes Kepler University Linz, Austria.
- **Dr. Evgeny L. Gurevich**, Laser Application Technology, Ruhr-Universität Bochum – Germany.
- **Dr. Yoan Di Maio**, Manutech USD, Saint-Étienne – France.
- **Dr. Cyril Mauclair**, Laboratoire Hubert Curien, Saint-Etienne – France.
- **Cristina Plamadeala** (Johannes Kepler University Linz), **Jiri Martan** (University of West Bohemia), **Anthony Nakhoul** (Université de Saint Etienne), **Wael Karim** (Université d'Orléans), ...

*Non-exhaustive list and still in progress see please the program on Workshop Website.

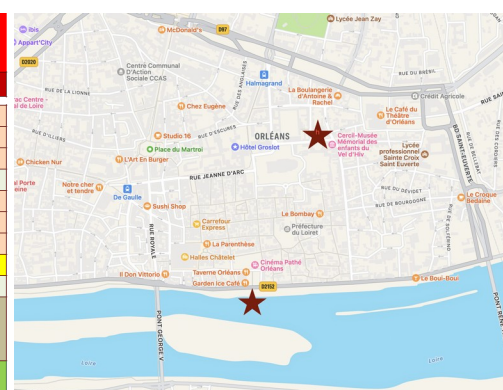
ABSTRACT SUBMISSION

You can submit a 4-page abstract using the workshop template (word, latex) via the website.

Deadline for abstract submission : **Friday, 26th of August**

PROGRAM

10th LIPSS International Workshop September, 21 - 23, CNRS - University of Orléans			
	Wednesday 21	Thursday 22	Friday 23
8h30		Oral1	Oral1
9h00		Oral2	Oral2
9h30		Oral3	Oral3
10h00	WELCOME 10TH LIPSS ATTENDEES	Coffee Break	Coffee Break
10h30		Oral4	Oral4
11h00		Oral5	Oral5
11h30		Oral6	Oral6
12h00	OPENING	Round Table	Round Table
12h30	Lunch	Lunch	Lunch
14h00	Oral1	Oral1	Workshop Closing Session, Conclusions, next workshop organisation
14h30	Oral2	Oral2	
15h00	Oral3	Oral3	
15h30	Coffee Break	Coffee Break	GREMI Laboratory and DWS start-up potential visit
16h00	Oral4	Oral4	
16h30	Oral5	Oral5	
17h00	Oral6	Oral6	
17h30	Round Table	Round Table	
19h00-21h00	Social Events : Visit of Old-Town	Gala Dinner on Bateau-Lavoir	



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Rue Dupanloup, 45000 Orléans
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