

Light Interaction
with Particles
and Laser Induced
Incandescence



**JULY 5-10
ROUEN
FRANCE**

Web Site



Contact
LIPLII2026@coria.fr

Organised by



First Announcement including link to the website

On behalf of the scientific committees of both communities, we are pleased to announce that the next **LIP & LII Joint Event** will take place from **July 5 to 10, 2026, in Rouen, France**.

For the first time, the **LIP Conference (Light Interaction with Particles)** and the **LII Workshop (Laser Induced Incandescence)** will be held together in a single event, fostering discussions and collaborations on optical diagnostics of particles through complementary techniques.

We are delighted to announce the participation of our esteemed invited speakers:

- Matthew BERG, *Kansas State University*,
- Lei BI, *Zhejiang University*,
- Kyle DAUN, *University of Waterloo*,
- Nikolai KHEBTSOV, *Russian Academy of Sciences*,
- Fengshan LIU, *National Research Council Canada*,
- Jianqi SHEN, *University of Shanghai for Science and Technology*,

Website of the conference: <https://liplii2026.sciencesconf.org/>

Conference location: <https://maps.app.goo.gl/4RqaHKmmLa4rN82J6>

Topics covered:

- Beam shape description and beam shape coefficients of electromagnetic waves.
- Mechanical effects of electromagnetic waves (forces, torques...).
- Electromagnetic scattering for various shapes and morphologies of scatterers.
- Internal fields, resonances (WGMs, MDRs) and plasmons.
- Optical particle sizing and characterization.
- Laser-induced incandescence,
- Modelling of nanoscale heat and mass transfers,
- Applications (aerosols, atmospheric sciences, biology, combustion, multiphase flow, plasma and soft matter physics...).
- Miscellaneous.

Looking forward to seeing you in Rouen!

Best regards,

Jérôme Yon, Gérard Gouesbet, Fabrice Onofri and Christophe Letailleur.

