



17TH INTERNATIONAL CONFERENCE ON HIPIMS

Organisation



National HIPIMS
Technology Centre UK



June 16th – 17th 2027 | Braunschweig, Germany
Venue: Fraunhofer Institute for Surface Engineering and Thin Films IST

CONFERENCE ANNOUNCEMENT AND CALL FOR PAPERS

HIPIMS CONFERENCE 2027

HIPIMS 2027 is a unique international conference with focus on High Power Impulse Magnetron Sputtering to address the needs of the fast-growing community of researchers and users in this field worldwide. Contributions will cover fundamental scientific aspects as well as application-oriented research and development. In addition, examples for the successful introduction of new products utilizing HIPIMS processes to the market

Special emphasis will be given to the topics:

- Industrial HIPIMS solutions
- Generation of HIPIMS and highly ionized plasmas
- Plasma diagnostics and discharge physics
- Coating characterization and performance
- Reactive and non-reactive HIPIMS processes
- Simulation of HIPIMS processes
- HIPIMS systems and hardware

CALL FOR PAPERS

As a truly international conference, HIPIMS 2027 will present the most recent results of scientific research and industrial applications in the field of HIPIMS technology. If you wish to present your latest results, your contribution is highly welcome. You are encouraged to submit your abstract to the following email address: hipims@ist.fraunhofer.de

Abstracts should be written in English, not exceed 1 page incl. illustrations and should include name, address, and e-mail of the contact author.

Call for Papers – Deadlines

Submission of 1 page abstract: **MARCH 26, 2027**

Acceptance notification: **APRIL 16, 2027**

CONTACT (SUBMISSION OF ABSTRACT)

Dr. Ralf Bandorf | Fraunhofer IST
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CONTACT (EXHIBITION & SPONSORING)

Holger Gerdes | Fraunhofer IST
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»Papken Hovsepien Memorial Award« for young scientists (≤ 35 years of age)

Please check for eligibility and application criteria on the conference website.

CONFERENCE FEES

Industry € 700

Academia € 550

Students € 300

FOR SPONSORSHIP AND EXHIBITION OPPORTUNITIES, PLEASE
CHECK THE WEBSITE OR CONTACT THE CONFERENCE ORGANIZERS.

SVC TUTORIAL COURSES (JUNE 14 – 15, 2027)

Venue: Fraunhofer IST,
Riedenkamp 2, 38108 Braunschweig



**JUNE 14 (FULL DAY COURSES, 8:30 AM - 4:30 PM,
€ 500, STUDENTS € 250)**

C-310 | Sputtering

Dr. Ralf Bandorf, Fraunhofer IST

C-323 | High Power Impulse Magnetron Sputtering

Prof. A. Ehasarian, Sheffield Hallam University

JUNE 15 (HALF DAY COURSES, € 250, STUDENTS € 150)

MORNING (8:30 AM – 12:00 PM)

C-338 | Application of Reactive Sputtering

Dr. Ralf Bandorf & Holger Gerdes, Fraunhofer IST

AFTERNOON (1:00 PM – 4:30 PM)

C-333 | HIPIMS Applications

Prof. A. Ehasarian, Sheffield Hallam University

Dr. Ralf Bandorf, Fraunhofer IST

M-250 | Deposition Process Simulation

Dr. Dennis Barton, Fraunhofer IST