



Photo: EFDS

Team of PSE2026

PSE2026 Chairwoman
Prof. Sandra Carvalho
University of Coimbra, Portugal

PSE2026 Co-Chairman
Dr. Ulf Seyfert
VON ARDENNE HOLDING SE&Co. KGaA,
Germany

PSE2026 Co-Chairman Asia
Prof. Masafumi Ito
Meijo University, Japan

**PSE2026 Partner Country
IBERIA**
Prof. Ramón Escobar Galindo
Universidad de Sevilla, Spain



PSE2026 EXHIBITION

Booth Variant 1 (6m²) | 4.330 €

Booth Variant 2 (6 m²) | 3.970 €

All Prices exclusive VAT. The registration is open. Detailed information at PSE website.

PARTICIPANT REGISTRATION

Full Conference Ticket
(including all workshops and tutorials)
Student | regular* 495 EUR
Student | late* 595 EUR
Standard | early* 890 EUR
Standard | regular* 990 EUR
Standard | late* 1090 EUR

One-Day Conference Ticket
One-Day | regular* 495 EUR
One Day | late* 595 EUR

Trend Workshop Ticket
Standard 290 EUR

*early – until May 31, 2026
*regular – until July 31, 2026
*late – from August 1, 2026

All tickets including catering, conference materials and public transport ticket.
All tickets are free of VAT.



COMMITTEES

- European Joint Committee on Plasma and Ion Surface Engineering EJC/PISE
- International Program Committee
- Advisory Board

LOCATION

Trade Fair Erfurt
Messe Erfurt | Gothaer Straße 34 | 99094
Erfurt (Thuringia) | Germany

Phone: +49 (0)361 400-3000
www.messe-erfurt.de

ORGANIZER

**European Joint Committee on
Plasma and Ion Surface Engineering**

EJC/PISE Chairman
Prof. Michael Thomas
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CONFERENCE MANAGEMENT

European Society of Thin Films EFDS
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IMPORTANT DATES

Abstract Submission Deadline
January 31, 2026

PSE Award Nomination Deadline
January 31, 2026

Exhibition Registration Deadline
April 30, 2026

Further information at PSE Website
www.pse-conferences.net

20TH INTERNATIONAL CONFERENCE ON PLASMA SURFACE ENGINEERING

MAIN TOPIC: SURFACE ENGINEERING FOR CLEAN ENERGY SOLUTIONS

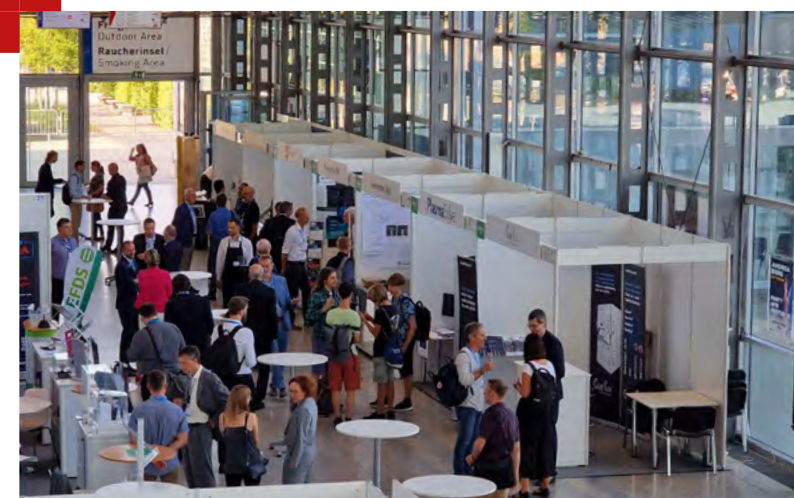


Photo: Stadtverwaltung Erfurt

- International Conference
- Industrial Exhibition
- International Matchmaking
- Networking & Team Building
- Education & Tutorials
- Posters & Awards 2026



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SPONSORING

PSE conferences thrive thanks to the continuous support of our loyal industrial partners. We sincerely THANK YOU! Your contribution strengthens our conference and advances the entire surface technology community, helping create a welcoming, engaging atmosphere. Together, we can tackle the challenges of today.



PSE2024 IN NUMBERS

- Nearly 600 international participants from 34 countries
- over 300 presentations
- Speakers from 31 countries and 4 continents
- 63 exhibitors from 13 countries
- Five Awards given to outstanding experts in the field of plasma, surface and vacuum technologies

The Exhibition – discover, connect, innovate

More than just a showcase, the exhibition is the beating heart of the conference. From coating machines and plasma technologies to advanced materials, analytics, and automation – here you will find the innovations shaping the future of surface engineering. Meet leading providers, exchange ideas with international experts, and seize opportunities for new collaborations. Networking, discussions, customer care, and social events all take place right here.

Don't miss it: September 1–2, 2026.

Partner Country 2026 | Iberia – spotlight on Spain & Portugal

In 2026 Spain and Portugal take center stage at PSE2026! The Iberian community of plasma surface engineering brings its expertise, innovative projects, and future-oriented ideas to the conference and exhibition. A special Partner Country Workshop, co-organized with Ramon Escobar Galindo (Universidad de Sevilla) and the Spanish and Portuguese Materials Society (SOCIEMAT, SPM), invites you to discover cutting-edge solutions and explore new opportunities for cooperation.

Iberian Industrial Workshop | “Advancing to a competitive industrial transition through surface engineering solutions” | 2–3 October 2025 | San Sebastián, Spain

Social Events & Team Building

Networking at PSE2026 goes far beyond the lecture hall. Extended breaks, lively social events, and inspiring evening programs create space for personal conversations and valuable connections. Here, new ideas are born, collaborations grow, and young team members can easily become part of the community. Why not bring your whole group along? Whether during the industry evening, the conference dinner, or a team excursion to the Thuringian Forest, Wartburg Castle, or the cultural city of Weimar – these shared experiences strengthen team spirit and make your participation truly memorable.

Matchmaking

At PSE2026 an International Matchmaking is offered by Enterprise Europe Network (EEN). See who is there and arrange a personal meeting directly. The scheduled B2B-Meetings offer an ideal opportunity to identify potential cooperation partners and to establish interesting business contacts. This offer is free of charge for participants of PSE2026.

What's new at PSE2026?

We are constantly evolving to keep PSE at the forefront – up-to-date, participant-oriented, and full of fresh impulses. This year, you can look forward to:

- Extended breaks for more networking and inspiring conversations
- New community-driven sessions – designed by participants, for participants
- Special highlights in the exhibition and an open visitor culture that brings science and industry even closer together

And of course, you can still count on all the proven features that make PSE a top conference in plasma surface engineering.

The Conference

PSE Conferences offer a vibrant platform for exchanging the latest advances in research, development, and industrial applications. Contributions from both academia and industry are warmly welcome. The event fosters collaboration, discussion and innovation, connecting experts to explore how fundamental insights translate into practical solutions. The conference is framed by inspiring plenary lectures and motivating role models, highlighting key trends and achievements. Detailed conference topics are highlighted in the adjacent panel.

Abstract Submission @ www.pse-conferences.net
Abstract Submission Deadline: January 31, 2026 | Do not miss!

Education & Tutorials

Here you meet well-known experts, that introduce basic knowledge and new developments and trends to the audience. After the tutorials you will have the chance for questions. Education is important. The tutorials are included in conference participation.

“Fundamentals and Trends of Plasma Surface Engineering”
organized by Dirk Hegemann, Empa, Switzerland

“Magnetron Sputtering” organized by
Arutun P. Ehiassarian, Sheffield Hallam University, United Kingdom

“Fundamentals and Trends for Hydrogen Technologies”
organized by Lucia Mendizabal, TEKNIKER, Spain

Workshops

Special topics in trend and topics particularly relevant to the industry will be covered in the PSE workshops. Abstracts can also be submitted for these topics. However, the program will be mainly topic-focused from invited presentations.

Industrial Workshop
“Surface engineering for clean energy solutions”
organized by Ulf Seyfert, VON ARDENNE GmbH, Germany

Trend Topic Workshop
“Thin films and micro structuring methods for integrated smart systems”
organized by Carles Corbella Roca, NIST, USA | Edmund Schüngel, VAT, Switzerland | Ralf Bandorf, Fraunhofer IST, Germany

PSE Awards 2026

At PSE 2026 outstanding researchers will be honored by the EJC/PSE with the PSE Awards. The PSE Leading Scientist Award is intended to highlight an approved researcher with pioneering contributions in science or technology of plasma and ion surface engineering. Beside this, three young researchers will be honored with the PSE Early Career Award for their work and engagement in the field.

More information at PSE Website. **Nomination Deadline: January 31, 2026**
Nominate your engaged colleague for the PSE Early Career Award!

PSE CONFERENCE TOPICS 2026

- 1 Plasma and ion sources**
 - a. Low pressure plasmas and ion beams
 - b. Atmospheric pressure plasmas
 - c. Plasma volume processes
 - d. Plasma in liquids
 - e. Particles and powders in plasmas
 - f. Power supplies and process control systems
- 2 Process technologies**
 - a. Plasma treatment, cleaning and etching
 - b. Plasma diffusion technologies
 - c. Physical vapor deposition
 - d. Plasma-enhanced chemical vapor deposition
 - e. Atomic layer deposition and etching
 - f. Other plasma-based surface process technologies
 - g. Post-process treatment
- 3 Properties and applications**
 - a. Protective and tribological surfaces
 - b. Optical, electronic and magnetic coatings
 - c. Biomedical and agriculture applications
 - d. Energy Technologies (batteries, hydrogen, solar, nuclear power, nuclear fusion)
 - e. Gas conversion processes
 - f. Environmental applications
 - g. Transportation & Mobility
- 4 Characterization and simulation**
 - a. Modelling of film growth, structure and properties
 - b. Modelling and simulation of plasma processes
 - c. Plasma and process diagnostics
 - d. Analytics of film structures and properties
 - e. Artificial intelligence and predictive modelling
- 5 Main Topic**

Surface engineering for clean energy solutions
- 6 Trend Topic**

Thin films and micro structuring methods for integrated smart systems