

A Success Story Continues: From V2007 and V2009 to V2027

Two milestones in the history of our Industry Exhibition and Workshop Week – celebrating our beginnings and looking ahead to what awaits us in 2027.

Supported by a Strong Network of Partners

From the very beginning, the event series was built on a broad foundation of scientific and technical expertise. **V2007 and V2009** were jointly organised by EFDS, the Dresden Transfer Centre for Vacuum Technology (Dresdner Transferstelle für Vakuumtechnik e. V.), and the Fraunhofer Institutes IOF in Jena, IWS and FEP in Dresden.

For **V2009**, numerous additional scientific societies and research institutes joined as co-organisers. These included the Research Association for Metrology, Sensor Technology and Medical Technology (Forschungsgesellschaft für Messtechnik, Sensorik und Medizintechnik), the German Society for Biomedical Engineering within VDE, the Institute for Surface Technology at RWTH Aachen University, the Austrian Society for Metallurgy and Materials, the Industrial Plasma Surface Technology Competence Network, OptoNet, Spectaris, the German Materials Society (DGM), the Leibniz Institutes for Polymer Research Dresden and Surface Modification Leipzig, the Society for Silicon Microsystems, Fresnel Optics, the Fraunhofer Institute for Coating and Surface Technology, the German Vacuum Society, Silicon Saxony and Solarvalley Mitteldeutschland.

This network of research institutions, industry partners and professional associations formed the backbone of the event.

Programme Structure and Format

From 16 to 18 October 2007, V2007 followed a structured programme comprising five parallel workshop tracks: Biotechnology and Medicine, Solar Energy and Light Management, Optical Instrumentation, Tools and Components, and Coating and Modification of Polymer Surfaces, the latter held as part of the 15th New Dresden Vacuum Technical Colloquium. Each track was organised into morning and afternoon sessions, with coffee and lunch breaks in between.

V2009 expanded this format to six workshop sessions: Coatings for Biotechnology and Medical Technology; Coatings for Tools and Components; two sessions on solar and lighting applications (Thin-Film Technologies and Materials, and Applications in Photovoltaics, Solar Thermal Energy and Lighting); Coatings for Optical Instrumentation; and the 17th New Dresden Vacuum Technical Colloquium on Coating and Modification of Polymer Surfaces.

With more than 100 individual presentations and accompanying poster contributions, the programme covered an exceptionally broad range of topics – from optimising growth surfaces for liver cells and hard coatings for machining tools to thin-film photovoltaics and coatings for EUV lithography.

Speakers included experts from Fraunhofer IOF, IWS and FEP, VON ARDENNE, Oerlikon Balzers, Sulzer Metaplas, Schott Solar, Leybold Optics, TU Dresden, RWTH Aachen University and international partners such as TNO (the Netherlands) and Platit (Switzerland).
On the preceding day, 19 October 2009, the accompanying industry forum "Atmospheric Pressure Plasma Technologies" also took place.

Venue and Organisation

Both events were held at the RAMADA Hotel Dresden, which featured newly redesigned conference facilities for V2009, offering approximately 20% more space.

Conclusion

With their comprehensive workshop programmes, broad support from research and industry, and growing international participation, V2007 and V2009 became established highlights in the event calendar of the plasma and vacuum coating community – laying the foundations for the subsequent editions of the V conference series.

Take a look at the review section on the V website as well.





Looking Ahead: Save the Date for V2027!

What began in 2007 as an industry exhibition with five workshops will **celebrate its 20th anniversary in 2027**.

From 11 to 14 October 2027, EFDS invites the international community to V2027 – International Conference and Exhibition for Vacuum | Plasma | Surface | Coating – at the International Congress Center Dresden.

Featuring an industrial exhibition, international technical presentations, tutorials, panel discussions, keynote lectures, award ceremonies and the traditional Conference Dinner, V2027 will build on the spirit of its founding years while further developing it into Europe's leading platform for vacuum, plasma and surface technology.

⚠️ **Important: Online registration for the exhibition opens in December 2026, while participant registration opens in February 2027.**

We look forward to bringing the community together in Dresden once again – save the date now!

Further information is available on the V2027 website.

Your Team of EFDS



