Summer School of Vacuum Technology 2026

Mass spectrometry:

Principles and instrumental background

Hotel Kraví Hora, Bořetice, from May 25 to May 27, 2026

Selective Molecular Detection using Molecularly Imprinted Polymer on Lossy Mode Resonance Optical Fiber Sensors

Priyanshu Joshi, Jana Vrchotová, Petr Sezemský, Vítězslav Straňák

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The title of the presentation is: Ion Energy Effects on the Formation of 2D Zirconium Carbide during Magnetron Sputtering

Belousek M.; Kormunda, M.; Jagerová, A.; Vopat, J.

Jan Evangelista Purkyně University in Ústí nad Labem, Faculty of Science, Department of Physics, Pasteurova 3632/15, 400 96 Ústí nad Labem, Czech republic

Enhancing Nanoparticle Yield in Gas Aggregation Sources: Influence of Pulsed Discharge on Dimer Production and Particle Release

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Mass Spectroscopy of Ammonia Borane for Gr–h-BN heterostructure growth with SEM observation

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