Session Program

5–6 Nov 2026

10th Users' Conference of IT4Innovations

Users' Talks I

IT4Innovations, atrium
Studentská 6231/1B 708 00 Ostrava-Poruba

Thursday 5 November

14:00

Users' Talks I

Session | **Location:** IT4Innovations, atrium, Studentská 6231/1B 708 00 Ostrava-Poruba

14:00–14:20

Linear absorption of single-layer graphene deposited on quartz: density-functional tight binding for sensing applications

Speaker
Prof. Thibault Derrien

14:20–14:40

Spin-lattice models in cubic symmetry - multiscale bridge in magnetic properties

Speaker
Dominik Legut

14:40–15:00

DFT computational viewpoint of the Alpha oxygen – a unique oxidation active site

Speaker
Stepan Sklenak

15:00