

Joint Meeting of PSRS Members and SOLARIS Centre Users

Wednesday, 11 September 2024

Session II - Spectroscopy with synchrotron light (I): The importance of synchrotron studies in view of the development of hydrogen industry (15:00 - 15:30)

-Conveners: Aleksandra Mielewczyk

Session II - Spectroscopy with synchrotron light (I): Unveiling the active sites in co-containing perovskite-based photo-rechargeable batteries (15:30 - 15:50)

-Conveners: Taymaz Tabari

Session II - Spectroscopy with synchrotron light (I): Diving deep into non-stoichiometric perovskites: unveiling Co/Fe doping effects (15:50 - 16:10)

-Conveners: Paulina Gwóźdź

Session II - Spectroscopy with synchrotron light (I): Synchrotron radiation based techniques for agricultural research (16:10 - 16:30)

-Conveners: Josef Hormes

Session II - Spectroscopy with synchrotron light (I): Plasma-enhanced Physical Properties of Mn(II)-Nb(IV) Molecular Magnet Investigated with EXAFS (16:30 - 16:40)

-Conveners: Dominik Czernia

Session II - Spectroscopy with synchrotron light (I): Time-dependent oxidation state change during pulsed laser irradiation of colloids; an experimental XAFS study confirmed by computational analysis (16:40 - 16:50)

-Conveners: Mohammad Sadegh Shakeri

Session II - Spectroscopy with synchrotron light (I): Changes in the electronic structure of NiFe₂O₄@SiO₂ nanocomposites by synthesis process and annealing (16:50 - 17:00)

-Conveners: Adam Czempik