

Joint Meeting of PSRS Members and SOLARIS Centre Users

Wednesday, September 11, 2024

Session II - Spectroscopy with synchrotron light (I): The importance of synchrotron studies in view of the development of hydrogen industry (3:00 PM - 3:30 PM)

-Conveners: Aleksandra Mielewczyk

Session II - Spectroscopy with synchrotron light (I): Unveiling the active sites in co-containing perovskite-based photo-rechargeable batteries (3:30 PM - 3:50 PM)

-Conveners: Taymaz Tabari

Session II - Spectroscopy with synchrotron light (I): Diving deep into non-stoichiometric perovskites: unveiling Co/Fe doping effects (3:50 PM - 4:10 PM)

-Conveners: Paulina Gwóźdź

Session II - Spectroscopy with synchrotron light (I): Synchrotron radiation based techniques for agricultural research (4:10 PM - 4:30 PM)

-Conveners: Josef Hormes

Session II - Spectroscopy with synchrotron light (I): Plasma-enhanced Physical Properties of Mn(II)-Nb(IV) Molecular Magnet Investigated with EXAFS (4:30 PM - 4:40 PM)

-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 (4:40 PM - 4:50 PM)

-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 (4:50 PM - 5:00 PM)

-Conveners: Adam Czempik