

Maryna Taryba

Maryna Taryba studied at Belorussian State University (2003-2008, Minsk, Belarus) and, later, obtained PhD degree from Instituto Superior Técnico, University of Lisbon (18.02.2016). Presently, she is a post-doctoral researcher in the group of Prof. Fatima Montemor at Centro de Química Estrutural (IST, Lisbon, Portugal). Her research is centered around the localized measurements (electrochemical and others), applicable to different scientific fields of study (corrosion, biomaterials, fundamental research and, since recently, energy storage). Specialized in (1) micro-potentiometric studies employing ion-selective-microelectrodes and including their development; (2) advanced multi-sensor experimental setup for localized quasi-simultaneous data acquisition (pH, pCl, pNa, O₂, current density, etc.).

Maryna Taryba co-authored 45 papers in international peer reviewed journals and 1 book chapter. She conducted several training courses on application of localized scanning vibrating electrode technique (SVET) and micro-potentiometry to corrosion studies at academic and industrial facilities around the world.

