

CURRICULUM VITAE

SALVADORI ENRICO

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PAST WORK EXPERIENCE AND CURRENT POSITION (inverse chronological order)

- 28/12/2021 - present

Associate professor of General and Inorganic Chemistry– Department of Chemistry, University of Turin, Italy

- 28/12/2018 – 27/12/2021

Tenure-track researcher (RTDb) of General and Inorganic Chemistry– Department of Chemistry, University of Turin, Italy

- 01/07/2018 - 27/12/2018

EPR Facilities Research Fellow - School of Biological and Chemical Sciences, Queen Mary University of London, London, UK

- 01/09/2017 - 30/06/2018 (full time)

EPR Facilities Research Fellow - School of Biological and Chemical Sciences, Queen Mary University of London, London, UK

- 01/02/2015 - 31/08/2017 (part-time 40%)

Post-Doctoral research associate - London Centre for Nanotechnology, University College London (UCL), London, UK

Project: "Development of room-temperature MASERs (Microwave Emission by Stimulated Emission of Radiation)". Supervisor: Prof Christopher W.M. Kay.

- 01/02/2015 - 31/08/2017 (part-time 60%)

EPR Facilities Research Fellow - School of Biological and Chemical Sciences, Queen Mary University of London, London, UK

- 27/08/2014 - 31/01/2015

Post-Doctoral research associate - London Centre for Nanotechnology, University College London (UCL), London, UK

Project: "Development of room-temperature MASERs (Microwave Emission by Stimulated Emission of Radiation)". Supervisor: Prof Christopher W.M. Kay.

- 16/12/2012 - 26/08/2014

Post-Doctoral research associate - Institute of Biomedical Engineering and Institute of Structural and Molecular Biology, University College London (UCL), London, UK

Project: "Quantum effects in biology – radical-pairs for magnetic field sensing". Supervisors: Prof Christopher W.M. Kay and Prof Quentin Pankhurst.

- 01/11/2011 - 15/12/2012

Post-Doctoral research associate - The Royal Institution of Great Britain, The Davy-Faraday Laboratory, London, UK

Project: "Quantum effects in biology – radical-pairs for magnetic field sensing". Supervisor: Prof Quentin Pankhurst.

- 01/02/2011 - 31/10/2011

Post-Doctoral research associate – Department of Chemical Sciences, university of Padova, Italy

Project: "Advanced EPR techniques for the understanding of energy transfer processes in biophysics". Supervisor: Prof Marilena Di Valentin

RESEARCH INTERESTS

- Photoexcited high-spin states in molecules and inorganic materials
- Interaction between paramagnetic metal ions and surfaces
- Determination of the spatial distribution in the nanometer range of paramagnetic active sites (native, photo-generated) in inorganic polycrystalline materials through magnetic resonance methods
- Spin dynamics