



Meet the EYCA finalists:

28th August 2018, Room 19, (14.30 – 16.30)

EuCheMS
European Chemical Sciences
European Young Chemists Network

Erica Del Grosso, University of Rome Tor Vergata, *ITA*
“Dissipative synthetic DNA-based receptors for the transient load and release of molecular cargo”

Lichen Liu, Universitat Politècnica de València, *ESP*
“Evolution and Stabilization of Subnanometric Metal Clusters in Zeolites”

Clément Larquet, Sorbonne Université, *FRA*
“Cerium and sulfur oxidation mechanisms in (Gd,Ce)₂O₂S nanoparticles through X-ray absorption and near-ambient pressure X-ray photoemission spectroscopies”

Olga Guselnikova, University of Chemical Technology Prague, *CZE*
“Plasmon-induced reaction: the new way for azide-alkyne cycloaddition”

Matteo Mauro, University of Strasbourg, *FRA*
“Metallo-supramolecular polymers as autonomously healable and contractile materials responsive to light”

Jessica Rodriguez Villar, Universidad de Santiago de Compostela, *ESP*
“Synthetic systems in Chemical Biology: Supramolecular Control of Cell Internalization and Selective Recognition and Modification of DNA”

Davide Ravelli, University of Pavia, *ITA*
“Decatungstate photocatalyzed synthesis via selective Hydrogen Atom Transfer (HAT)”

Gabriele Pupo, University of Oxford, *GBR*
“Asymmetric Nucleophilic Fluorination under Hydrogen Bonding Phase-Transfer Catalysis”

Tim Gatzmeier, Max-Planck-Institut für Kohlenforschung, *DEU*
“Activation of Challenging Substrates with Strong Chiral Lewis Acids”

Torsten John, Leibniz Institute of Surface Engineering, *DEU*
“Amyloid-like aggregation of the antimicrobial peptide uperin 3.5 and its selectivity towards membrane”



Società Chimica Italiana



CONSIGLIO NAZIONALE DEI CHIMICI
PRESSO IL MINISTERO DELLA GIUSTIZIA



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28th August 2018, Room 19, (11.00 – 13.00)

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Thomas Bennett, University of Cambridge, GBR.
“MOF glasses: a new, 4th category of melt quenched glass”

Paolo Arosio, ETH Zurich, CHE
“Molecular mechanisms of protein self-assembly processes associated with functional biology”

Rafael Gramage-Doria,
Institut des Sciences Chimiques de Rennes, ESP
“Transition Metal Catalysis: from Sustainable Transformations to Supramolecular Approaches”

Matteo Atzori,
University of Florence, ITA
“A Two-Qubit Molecular Architecture for Electron-mediated Nuclear Quantum Simulation”

Simone Fabiano,
Linköping University, SWE
“Understanding the impact of polymer structure on the conductivity of n-doped polymers”

Sophie Carenco,
Sorbonne Université, FRA
“Inside and Out Metal Nanoparticles: Core and Surface Governing Together the Catalytic Properties”

Alessandro Porchetta, University of Rome Tor Vergata, ITA
“Programmable nucleic acid nanoswitches for the rapid, single-step detection of antibodies in bodily fluids”

Pavel Mykhailiuk,
National Taras Shevchenko University of Kyiv, UKR
“Synthesis of bicyclic amines for Drug Discovery”



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