

## **PRELIMINARY PROGRAM:** Thursday 23<sup>th</sup> Nov

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- 08:30 - 08:45**    **Registration**
- 08:45 - 09:00**    **Welcome** – Javier Marugán (Coordinator of MOTREM Project)  
& Fernando Martínez (Coordinator of REMTAVARES Network)
- 09:00 - 09:30**    *Pending Title*, Victor Monsalvo (FCC Aqualia)
- 09:30 - 09:45**    *Analysis of emerging contaminants in wastewater and surface water using UPLC-TOF-MS*, Jukka Pellinen (University of Helsinki)
- 09:45 - 10:00**    *Advanced Oxidation Processes for Raw Hospital Wastewater Treatment: Pharmaceuticals Fate*, Alice Petre (Universidad de Alcalá)
- 10:00 - 10:15**    *Highly efficient depletion of persistent pharmaceutical compounds by well-defined carbide derived carbons*, Silvia Álvarez (Universidad Complutense de Madrid)
- 10:15 - 10:30**    *Application of graphite to fotoassisted CWPO process for ibuprofen degradation*, Alicia Loreto García (Universidad Autónoma de Madrid)
- 10:30 - 10:45**    *Evaluation of wet air oxidation, Fenton and photo-Fenton systems for the treatment removal of real hospital wastewater*, Fernando Martinez (Universidad Rey Juan Carlos)
- 10:50 - 11:25**    **Coffee Break**
- 11:30 - 12:00**    *Assessment of the transformation of micropollutants in surface water and wastewater*, Debora Fabbri (University of Torino)
- 12:00 - 12:15**    *Efficient removal of bisphenol A by adsorption onto carbonaceous adsorbents*, Ana Belén Hernández (Universidad Complutense de Madrid)
- 12:15 - 12:30**    *Testing toxicity of endocrine disrupters on development and reproduction of freshwater Ostracoda*, Álvaro Vázquez (Universidad de Alcalá)
- 12:30 - 12:45**    *Catalytic hydrodechlorination of diclofenac*, Julia Nieto-Sandoval (Universidad Autónoma de Madrid)
- 12:45 - 13:00**    *Photocatalytic degradation of atrazine in aqueous systems*, María José López (Universidad Rey Juan Carlos).
- 13:15 - 14:45**    **Lunch**

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- 15:00 - 15:30** *Pending Title*, Damià Barcelo (Catalan Institute for Water Research)
- 15:30 - 15:45** *Photoinduced transformation of furemecycloz in aquatic media*, Marco Sarro (University of Torino)
- 15:45 - 16:00** *Active membranes for retaining non-polar water pollutants with intrinsic resistance to microbial colonization*, Amariei Georgiana (Universidad de Alcalá)
- 16:00 - 16:15** *Development of photoassisted processes with ilmenite for treating hospital wastewaters*, Patricia García-Muñoz (Universidad Autónoma de Madrid)
- 16:15 - 16:30** *HR- and SR-AOPs for micropollutants removal and disinfection of urban wastewater*, Jorge Rodríguez-Chueca (Universidad Rey Juan Carlos)
- 16:35 - 17:10** **Coffee Break**
- 17:15 - 17:45** *Monitoring strategies for micropollutants in a municipal wastewater treatment plant*, Bertram Kuch (University of Stuttgart)
- 17:45 - 18:00** *Removal of Antibiotics and Antibiotic Resistance Genes by Full-Scale Sulfate Radical Based Advanced Oxidation Processes*, Javier Marugán (Universidad Rey Juan Carlos)
- 18:00 - 18:15** *Highly active Ru-carbon nanospheres catalysts for the removal of a priority contaminant: Bisphenol A*, Estrella Serra (Universidad Complutense de Madrid)
- 18:15 - 18:30** *Boosting the activity of magnetite for the CWPO of pharmaceuticals in environmentally-relevant water matrices*, Macarena Muñoz (Universidad Autónoma de Madrid)
- 18:30 - 18:45** *Perovskite materials for catalytic wet peroxide oxidation of carbamazepine in hospital wastewater matrix*, Ana Cruz (Universidad Rey Juan Carlos)

## PRELIMINARY PROGRAM: Friday 24<sup>th</sup> Nov

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- 09:00 - 09:30** *Pending Title*, Abraham Esteve (Universidad de Alcalá)
- 09:30 - 09:45** *Photo-anaerobic membrane bioreactor for the treatment of synthetic wastewater contaminated with emerging pollutants by phototrophic bacteria*, Daniel Puyol (Universidad Rey Juan Carlos)
- 09:45 - 10:00** *Removal of pharmaceuticals from hospital wastewater using an activated sludge process*, Francisco Ojembarrena (Universidad Complutense de Madrid)
- 10:00 - 10:15** *Ecotoxicological effects of hospital treated wastewaters and pharmaceutical metabolites on Daphnia magna and Chlorella vulgaris: an integrated experimental approach*, Andrea Castano (IMDEA Water)
- 10:15 - 10:30** *Evaluation of emerging fungal, purple photobacteria and microalgae cultures for removal of pharmaceutically active compounds in hospital wastewater*, Raúl Molina (Universidad Rey Juan Carlos)
- 10:30 - 10:45** *Treatment of micropollutants by biologically-based technologies and other experiences*, Ángel Encinas (FCC Aqualia)
- 10:50 - 11:25** **Coffee Break**
- 11:30 - 13:30** *Training module on analysis of contaminants of emerging concern*, BRUKER
- 13:30 - 15:00** **Lunch**