Announcement of

NEREUS COST ACTION ES1403 SUMMER SCHOOL
Advanced Treatment Technologies and Contaminants of Emerging Concern
Porto, July 10-14, 2017

Venue: Auditorium of the Almeida Garrett Municipal Library
Biblioteca Municipal Almeida Garrett, Rua de D. Manuel II - Jardins do Palácio de Cristal 4050-239 Porto, Portugal

The Summer School is co-organised by NEREUS COST Action ES1403 and the “European PhD School on Advanced Oxidation Processes” with the support of Associate Laboratory LSRE-LCM, Department of Chemical Engineering, Faculty of Engineering, University of Porto.

Course overview and objectives

The Summer School program includes:

i. A section specifically devoted to PhD students where they will have the chance to introduce themselves and their work, through a short oral presentation and/or a poster communication, as well as to meet experts in the scientific field of advanced wastewater treatment

ii. A special session on “Contaminants of emerging concern and antibiotic resistance control in water by Advanced Oxidation Processes”

iii. Lectures on complementary skills

iv. A workshop on advanced treatments delivered Nereus members and international experts

v. A technical-social visit on 14th July, sponsored by the Portuguese Company “Adventech”.

http://www.nereus-cost.eu
info@nereus-cost.eu

COST is supported by the EU framework Programme Horizon 2020
### Trainers

- **Gianluca Li Puma**, Loughborough University, UK  
- **Dionissios Mantzavinos**, U. Patras, Greece  
- **Suresh Pillai**, Institute of Technology Sligo, Ireland  
- **Carlos Tavares**, U. Minho, Portugal  
- **J.M. Doña Rodríguez**, U. las Palmas Gran Canaria, Spain  
- **Antonio Arques**, U. Politécnica de València, Spain  
- **Javier Marugan**, U. Rey Juan Carlos, Spain  
- **Juan José Rodríguez**, U. Autonoma de Madrid, Spain  
- **Helder T. Gomes**, IPB, Bragança, Portugal  
- **J.A. Sánchez Pérez**, U. Almeria, Spain  
- **Manuel A. Rodrigo Rodrigo**, U. Castilla la Mancha, Spain  
- **M. Pazos Currás**, U. Vigo, Spain  
- **A. Sanroman**, U. Vigo, Spain  
- **José Benito Quintana**, U. Santiago Compostela, Spain  
- **Montserrat Pérez-Moya**, U. Polítechnica de Catalunya, Spain  
- **Despo Fatta-Kassinos**, Nireas-IWRC, University of Cyprus  
- **Sixto Malato**, Plataforma Solar de Almeria, Spain  
- **Idil Arslan Alaton**, Istanbul Technical U., Turkey  
- **Celia Manaia**, U. Católica, Portugal  
- **Stefanos Giannakis**, Lausanne, Switzerland  
- **Luigi Rizzo**, U. Salerno, Italy  
- **Miguel Santos**, CIIMAR, Portugal  
- **Pawel Krzeminski**, Systems Engineering and Technology Norwegian Institute for Water Research (NIVA), Norway  
- **Fernando Beltran**, U. Extremadura, Spain  
- **Ana Belén Esteban García**, Plataforma Solar de Almeria - CIESOL, Spain  
- **Andrea Capodaglio**, U. degli Studi di Pavia, Italy  
- **Ricardo A. Torres-Palma**, U. Antioquia, Colombia  
- **Mohamed Sarakha**, U. Clermont Auvergne, France  
- **Sylwia Mozia**, U. of West Pomeranian, Poland  
- **Cintia Soares**, Federal U. Santa Catarina, Brazil  
- **L. Miguel Madeira**, FEUP, U. Porto, Portugal  
- **M. Fernando R. Pereira**, FEUP, U. Porto, Portugal  
- **Santiago Esplugas**, U. Barcelona, Spain  
- **Vitor J.P. Vilar**, FEUP, U. Porto, Portugal  
- **Joaquim L. Faria**, FEUP, U. Porto, Portugal  
- **Sandra Contreras**, U. Rovira i Virgili, Spain  
- **Mikael A. Khan**, Arvia, UK  
- **Sergio C. Silva**, Adventech, Portugal
Who can attend?

PhD students, MSc students, post-doctoral fellows, and professionals (researchers and/or technical/policy-making staff) with a background in environmental and chemical engineering, chemistry, etc., interested in Advanced Treatment Technologies and Contaminants of Emerging Concern.

Applications

To apply, please provide:
- A cover letter with an expression of interest and a paragraph describing the relevant scientific activities with this Summer School
- A Curriculum Vitae (CV)

Number of applicants to be reimbursed: 20-25

All applications should be submitted to Mr. Toumazis Toumazi (info@nereus-cost.eu) no later than 5 May 2017.

Successful applicants will be contacted directly by e-mail by 15 May 2017.

Eligibility Criteria

Applicants eligible to be reimbursed:
1. Applicants from all COST Countries:
   a. List of COST countries: [http://www.cost.eu/about_cost/cost_countries](http://www.cost.eu/about_cost/cost_countries)
2. Applicants from the following approved Near Neighbour Countries Institutions:
   a. Jordan University of Science and Technology
   b. Institute for Rural Engineering, Water and Forestry
   c. Kiev National University of Construction and Architecture
   d. G. Eliava Institute of Bacteriophage, Microbiology & Virology (IBMV)

Selection Criteria

Applicants will be evaluated on the basis of two main criteria:
1. Relevance of applicants’ studies and research experience to the topics of the Summer School programme.
2. Balanced distribution of educational background (e.g. chemical engineering, environmental engineering, chemistry, etc.).
Fees: FREE of charge
Each applicant will receive a financial support grant of 800 EUR

- Travel Grant: 300 EUR
- Accommodation and meals: 100 EUR per day (5 days covered)

The Grant will be provided after the completion of the Summer School through the e-COST system [https://e-services.cost.eu](https://e-services.cost.eu).

Travel and accommodation must be arranged by each participant after the receipt of the acceptance email and the official e-COST invitation.

All participants are encouraged to submit a short abstract (please use the template found at [http://www.nereus-cost.eu/activities/](http://www.nereus-cost.eu/activities/)). The short abstract must be submitted by email to info@nereus-cost.eu no later than May 30, 2017, in MSWord format.

In the particular case of PhD students, please select the preferred form of presentation (oral or poster) in the red box located at the right side of the abstract title. Other participants can present their abstract in poster form.

Research presented by all participants at the Summer School will be considered for possible publication in a special issue on Wastewater Reuse and Antibiotic Resistance on the *Journal of Environmental Chemical Engineering* (JECE, Elsevier, cite score 3.21). The interest must be mentioned in the red box of the short abstract, by replacing “NONE” by “JECE”. Authors will receive an invitation letter by email. Authors should reply to the email specifying the type of article (critical review or research paper), the preliminary title and the name of the authors.

Please don’t forget to select the article type “SI: Wastewater Reuse and Antibiotic Resistance” during the paper submission process. The deadline for paper submission to the Special Issue on the JECE journal is 15th September 2017.