

# Webinar

## Odorprep

### New frontiers in odour control

Organised by

**Olores.org**

**23<sup>rd</sup> March 2021**

**10:00 (CET)**

**Olores.org.** The Site that deals with Environmental odour management.  
C/Uribitarte n°6, Planta Baja - 48001, Bilbao (Spain)  
Tlf. (+34) 654 599 209  
[www.olores.org](http://www.olores.org)

## INTRODUCTION:

Olores.org website presents a new sponsored webinar: "**Odorprep: new frontiers in odour control**", where 4 experts will present different case studies. This webinar is being organized for the next **23<sup>rd</sup> March 2021**, at 10:00 (CET).

**Webinars** are a **unique opportunity** to learn, in this case, from **great experts** who have participated in different projects related to the Odorprep System, an automatic odour sampling device on demand that can be remotely managed by a dedicated mobile app (see also [www.odorprep.eu](http://www.odorprep.eu)).

Olores.org has **successfully organized a few courses** about odour management and about dispersion modelling. In addition, we have held **5 conferences** related to odour management with over 750 attendees and we are currently organizing the next 9<sup>th</sup> IWA Odour Conference in Bilbao, 2021. This time, the webinar will be held online on the **23<sup>rd</sup> March 2021**, at 10:00 (CET). The event is scheduled and you can **register** [here](#).



All who are interested in participating will be able to attend this WEBINAR, that will be followed by a round table and open discussion.

After all the presentations, participants will pose their questions to the speakers. If you are interested in this [WEBINAR](#) and need extra information, feel free to [contact us](#).

## PROGRAMME:

10:00-10:05 **Carlos N. Díaz**

**Welcome and Introduction**

10:05-10:20 **Anne-Claude Romain**

**Interests of automatic odour sampling devices, illustration with a Wallonia study**

From November 2018 to September 2019, two Odorprep samplers were tested in an industrial valley and a solid waste treatment plan in Wallonia (Belgium) .

The experiments were organized in collaboration with the Scientific Institute of Public Service of Wallonia (ISSeP). Local authorities were also involved: they were in charge of activating the sampling devices when the smell was perceived and had to complete the questionnaires, which included the description of the odour characteristics

10:20-10:35 **Robert F. Kelly**

**Innovative Photocatalytic Cover for treatment of nuisance: Odorprep support**

The WWTP (Waste Water Treatment Plant ) Carré de Réunion (Saint-Cyrl'Ecole, France) is a flagship site for HYDREAULYS, as it is located in the immediate vicinity of the castle of Versailles.

In order to prepare the area for the Paris 2024 Olympic Games, the need to beware of bad smells has increased: several technological innovations have been designed to integrate the WWTP into the surrounding environment.

System performance evaluation was conducted using a combination of real-time microsensors and dynamic olfactometry through the use of an innovative air-on-demand sampling technology, OdorPrep, provided in collaboration with the EU-funded H2020 project.

10:35-10:50 **Cesare Rossini**

**Odor.net: project for monitoring olfactory phenomena in the municipality of Falconara Marittima**

ARPAM (Regional Agency for Environmental Protection, Marche, [www.arpa.marche.it](http://www.arpa.marche.it) ) was invited by the Municipality of Falconara Marittima, to prepare a monitoring and control plan for emissions related to "odorous" events impacting the area.

LAB SERVICE ANALYTICA (Bologna, Italy) has collaborated closely with ARPAM and it is reporting the results of the Odor.net project.

A smartphone application for the systematic and computerized management of reports was set in place.

A network of sampling systems (ODORPREP) was installed: the systems were activated via APP when a certain number of reports was received.

10:50-11:05 **Federico Cangialosi**

**Mechanical biological treatment plant: statistical evaluation of H<sub>2</sub>S and NH<sub>3</sub> concentrations in ambient air and criteria for automatic odor sampling**

Frequency domain analysis and multivariate analysis are powerful tools often applied in the study of air pollution data, although rarely employed in the field of odour monitoring.

A case study regarding the usage of such analytic tools will be illustrated, with the aim of assessing whether odour fluctuations over time can be related to plant management operations, thus defining criteria for odour automatic sampling.

11:05-11:20 **Carlos N. Díaz**

**Round table & Discussion**

## ***SPEAKERS:***

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***Carlos N. Díaz***

Carlos Nietzsche Diaz is CEO of Ambiente et Odora S.L. and editor of the website Olores.org. Mr. Díaz is also the manager of SVPA, co-founder and current president of AMIGO Association and member of several CEN groups.

With more than 15 years of experience in Environmental Odour Management, Mr. Díaz has been part of over 30 national and international conferences. Ambiente et Odora (AEO) has organized 5 international conferences. Nowadays, AEO is organizing the next 9th IWA Odour and VOCs emission Conference.

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***Prof. Anne-Claude Romain***



Anne-Claude Romain studied chemistry and environmental sciences at the University of Liège (Belgium), and obtained a PhD on sensor arrays for environmental odour monitoring.

Prof. Romain is the head of the research group "Sensing of Atmospheres and Monitoring" (SAM, ULiège) in Arlon, (Belgium) from 2014; Prof. Romain is also member of scientific/technical committees (as NOSE; ISOEN; ORBI, IWA) and international and national boards (CEN, national health council).



***Dr. Robert Kelly***

Dr. Robert Kelly heads the international team of SUEZ, dedicated to solutions related to odours, located in Paris. Mr. Kelly studied Microbiology at the University of Guelph (Canada).

Mr Kelly has a long experience in developing sustainable odour management strategies, including real-time monitoring of nuisance odour emissions and impact assessment.

## *Dr. Cesare Rossini*



Dr. Cesare Rossini studied Industrial Chemistry at the University of Bologna, Italy. Dr. Rossini has worked in several multinational companies as Business Development Manager in the area of Analytical Chemistry applied to Food Safety and Environment and Life Sciences.

Mr. Rossini joined Lab Service Analytica in 2017 as part of the EU-funded H2020 project to promote the acquisition of Odorprep technology internationally.



## *Ing. Federico Cangialosi*

Ing. Federico Cangialosi is an Environmental Engineer, with a Ph.D in Environmental Engineering from Technical University of Bari, Italy (TUB). Mr. Cangialosi has been a lecturer at TUB of Principles of Environmental Chemical Engineering for 6 years, and he is currently the R&D Manager of the company Tecnologia e Ambiente srl.

Ing. Cangialosi is member of the Italian National Standardization body, working on the UNI/CT 004/GL 04 "Air Quality" since 2019 and designated member by UNI in CEN/TC 264/WG 42 - Air quality sensors since 2020.

