

## PRESS RELEASE 9 March 2020

### Grenoble INP-Pagora / LGP2 and UniLaSalle organize the Ozone Days – New dates

On February 29th, 2020, the French government took several measures to contain the spread of the Coronavirus on the French territory. Following these new elements, the Ozone Days organizing committee has decided to postpone the Ozone Days seminar to **September 10<sup>th</sup> & 11<sup>th</sup>, 2020**. The seminar will still be held at the UniLaSalle Campus in Beauvais, and will feature an identical program.



The use of ozone for the valorization of agrosources and lignocellulosic fibers is in full development worldwide. Grenoble INP-Pagora / LGP2 and UniLaSalle are organizing the Ozone Days seminar on September 10<sup>th</sup> & 11<sup>th</sup>, 2020 in Beauvais (France).

Ozone is used today for the bleaching of cellulose pulps in about thirty cellulose production plants around the world. The purpose of its use is to replace the chlorine-based reagents, today massively applied to destroy the color of cellulose fibers in the production of graphic papers, sanitary articles and textile fibers. In the agriculture, agro-industry and food industry sectors, the stake of ozone is twofold: mobilize the unique potential of ozone as a green oxidizing agent for multiple applications like sterilization, detoxification, preservation... and develop innovative and sustainable industrial solutions creating value.

Grenoble INP and UniLaSalle have created a Group of Scientific Interest (GIS) entitled: Ozonation of agro-industrial, agro-food and lignocellulosic substrates for better valorization (O3AGROLICEL) which involves the following partners:

- Laboratory of Pulp and Paper Science and Graphic Arts (LGP2) of the Grenoble INP
- Processing and Agro-Resources Unit and LaSalle O3 R&D platform of the UniLaSalle Polytechnic Institute

#### Goals

- Strengthen the collaboration of researchers working in the domain of engineering sciences applied to the ozonation of agronomic, agro-industrial and lignocellulosic substrates.
- Develop partnerships with industrial actors either under the form of private contracts or in the framework of public calls for projects.

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**Grenoble INP-Pagora, the international school of paper, print media and biomaterials.** The school is Quality, Safety & Environment certified and part of Grenoble INP, an engineering and management institute geared towards training “engineers who are creative, responsible and committed to a sustainable world”. It trains engineers for the sectors of green chemistry, paper, printing, packaging, biomaterials and printed electronics. Its wide range of courses, pedagogical expertise and strong partnerships with industry allow it to continuously tailor its training to the needs of businesses and to the 60 graduates it produces each year, thus enabling them to embark upon stimulating careers in France and abroad. Grenoble INP-Pagora also develops international training: it offers a 2nd year engineering course, international semesters and a Biorefinery & Biomaterials Masters, both taught in English. The innovative research performed by its LGP2 laboratory helps to improve processes and create products that meet all the latest requirements, notably those linked to the environment. These various activities ensure that the training offered is up to date with the latest scientific and technological advances. [pagora.grenoble-inp.fr](http://pagora.grenoble-inp.fr)

**The Laboratory of Pulp and Paper Science and Graphic Arts (LGP2)** is a joint research unit (UMR 5518) run by the CNRS, Grenoble INP and the AGEFPI. It conducts its scientific activities in conjunction with the academic community of Grenoble Alpes University. LGP2 comprises three teams: *Biorefinery: chemistry and eco-processes – Multiscale biobased materials – Surface functionalization through printing processes*. Their research strives to meet society's expectations when it comes to sustainable development (green chemistry, clean processes, recycling, biobased materials, renewable energy) and traceability & safety (functional materials, smart paper and packaging). [pagora.grenoble-inp.fr/lgp2](http://pagora.grenoble-inp.fr/lgp2)



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- Define the most suitable processes, sensors, protocols, for the ozonation of these substrates.
  - Disseminate the acquired knowledge by the organization of seminars and training sessions targeting both academic and industrial audiences at national and international levels.

There is a real need to connect researchers and manufacturers in order to be able to develop applications using ozone, accompanying the process from research to industrial application.

The Ozone Days seminar aims to

- Present the applications of ozone: pulp bleaching, conservation of agrosources...
- Demonstrate the potential of ozone in the treatment of lignocellulosic fibers and agrosources.

**Program & Registration: <https://ozone-days-2020.com>**

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