

OZONE DAYS – March 23-24, 2022 – Program

<https://ozone-days.com/program>

Plenary sessions and **two parallel technical sessions** will be organized on ozone treatment of lignocelluloses or agroresources respectively. They will present the main applications and perspectives of the use of ozone in these fields as well as the description of associated facilities.

*G: general presentation (plenary) – T: technical presentation (parallel sessions)
The presentations will be held in English*

Wednesday, March 23rd

8:00 – 9:00. Registration

9:00 – 9:20. Opening of the seminar and welcome address

Mr. Philippe CHOQUET (Director-General of UniLaSalle)

Dr. Thierry AUSSENAC (UniLaSalle – ULR7519)

Pr. Dominique LACHENAL (Grenoble INP – LGP2)

TBA (Région Hauts-de-France)

TBA (Communauté d'Agglomération du Beauvaisis)

9:20 – 10:00. G1 – Ozone applications: an overview of the markets, new trends

Dr. Sylvie BAIG (Suez)

10:00 – 10:30. G2 – Generation and properties of the ozone gas

Dr. Alexandre HÉRISSEON (UniLaSalle – ULR7519)

10:30 – 11:00. Poster session – Coffee Break

11:00 – 12:00. G3 – Chemistry of ozone with organic molecules found in lignocellulosics and agroresources. Ozone reaction pathways in water

Pr. Dominique LACHENAL (Grenoble INP – LGP2)

12:00 – 12:30. G4 – Technological approaches for ozone processing

Dr. Alexandre HÉRISSEON (UniLaSalle – ULR7519)

12:30 – 14:00. Lunch

Pulp and Paper Technical Sessions

14:00 – 14:45. T1 – Why using ozone in the bleaching of chemical pulp?

Pr. Dominique LACHENAL (Grenoble INP – LGP2)

14:45 – 15:30. T2 – New generation green bleaching processes using ozone stages – comparison with conventional bleaching

Dr. Étienne MONTET (Grenoble INP – LGP2)

15:30 – 16:00. Poster session – Coffee Break

16:00 – 16:45. T3 – Worldwide development of ozone bleaching-existing technologies

Alexis METAIS (Xylem)

16:45 – 17:30. T4 – New opportunities of ozone in the pulp and paper industry: upgrading of recycled fibers

Dr. Nathalie MARLIN (Grenoble INP – LGP2)

Agrifood Technical Sessions

14:00 – 14:45. T5 – Ozone in agriculture and food processing: a general overview of applications

Dr. Thierry AUSSENAC (UniLaSalle – ULR7519)

14:45 – 15:30. T6 – Ozone in fruit and vegetable processing

Dr. Élodie SARRON (UniLaSalle – ULR7519)

15:30 – 16:00. Poster session – Coffee Break

16:00 – 16:45. T7 – Ozone in herbs, spices, medicinal and aromatic plants processing

Dr. Mohamad Mazen HAMOUD-AGHA (UniLaSalle – ULR7519)

16:45 – 17:30. T8 – Ozone in grain processing

Dr. Thierry AUSSENAC (UniLaSalle – ULR7519)

17:40 – 18:45. G5 – Round table: Ozone Applications & regulatory issues

Presentation: Mike PRINCE (EuOTA)

Chairman: Dr. Thierry AUSSENAC (UniLaSalle – ULR7519)

Invited: Dr. Sylvie BAIG (Suez)

19:30 – 21:30. Ozone Days Dinner

Thursday, March 24th

9:00 – 9:40. G6 – Ozone 2020 FUI Project: ozone at the service of health security in the agro-industrial sector

Dr. Sylvie BAIG (Suez)

9:40 – 10:10. G7 – How can ozone contribute to green biorefinery processes?

Pr. Christine CHIRAT (Grenoble INP – LGP2)

10:10 – 10:30. G8 – Introduction to the GIS (Ozone consortium) and to the ozone pilot facility LaSalle O₃

Dr. Thierry AUSSENAC (UniLaSalle – ULR7519) and Pr. Christine CHIRAT (Grenoble INP – LGP2)

10:30 – 10:50. Poster session – Coffee Break

10:50 – 12:30. Technical Tour: LaSalle O3 platform facility

12:30 – 14:00. Lunch

14:00. End of the Ozone Days 2022