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 HÉRISSON (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 HÉRISSON (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)

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Agrifood Technical Sessions

14:00 – 14:45. T5 – Ozone in agriculture and food processing: a general overview of applications
Dr. Thierry AUSSÉNAC (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 AUSSÉNAC (UniLaSalle – ULR7519)

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17:40 – 18:45. G5 – Round table: Ozone Applications & regulatory issues
Presentation: Mike PRINCE (EuOTA)
Chairman: Dr. Thierry AUSSÉNAC (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 AUSSÉNAC (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 plateform facility

12:30 – 14:00. Lunch

14:00. End of the Ozone Days 2022