

## Black Liquor Seminar

Time: 24-25 September 2024

Place: Universidad Zaragoza

Organizers: The Oxy-Kraft Consortium and Universidad Zaragoza

Chair: prof. José Luis Cebrián, Universidad Zaragoza

Co-chair: Dr. Patrik Yrjas, Åbo Akademi University (Oxy-Kraft RB coordinator)

### **Tuesday September 24, 2024**

9:30 *Welcome and Introduction; José Luis Cebrián, Patrik Yrjas*

9:45 *BL Combustion chemistry; prof. emeritus Mikko Hupa, Åbo Akademi University (lecture time includes breaks)*

12:45 Lunch at the EINA School

14:00 *Recovery boiler CFD-modelling and emissions; Dr. (docent) Markus Engblom, Åbo Akademi University (lecture time includes breaks)*

15:30 Coffee break

16:00 Presentations by industry partners

~17:30 Adjournment for the day; *José Luis Cebrián*

20:00 Seminar dinner in city center

### **Wednesday September 25, 2024**

9:30 *An overview of the Oxy-Kraft RB project, Dr. (docent) Patrik Yrjas, Åbo Akademi University*

9:45 *BL carbon capture technologies, N.N., Instituto de Carboquímica (lecture time includes a short break)*

11:15 Coffee break

11:45 *Techno-economic analysis for carbon capture, utilization, and storage (CCUS), Assistant prof. Shareq Mohd Nazir, KTH Royal Institute of Technology, Sweden*

**12:45 Adjournment;** *José Luis Cebrián*

End of seminar

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