

CA17128 LignoCOST Lignin Conference

Dates: May 31 – June 3, 2022

Venue: WICC, Wageningen, The Netherlands

We cordially invite you for the conference on 'Lignin Valorisation' organised by CA17128 LignoCOST to be held on June 1-3, 2022 with a preceding workshop on lignin analytics on May 31, 2022 dedicated to PhD students.

Program in short (more details on second and third page)

May 31, 2022	Workshop Lignin Analytics (PhD students)
June 1, 2022	Mild lignin isolation strategies (morning) Conversion of lignin (chemical & biological) (afternoon)
June 2, 2022	Conversion of lignin (chemical & biological) (morning) Lignin structure – function relationships with industrial perspectives (afternoon)
June 3, 2022	Application of Lignin and Future Perspectives

Keynote speakers provisionally confirmed

Prof. W. Boerjan (Uni Gent), Prof. A. Potthast (BOKU), Prof. P. Bruijninx (Uni Utrecht), Prof. J.-C. del Rio (Uni Seville), Dr. Gregg Beckham (NREL), Prof. Katalin Barta (Uni Graz), Prof. T. Bugg (Uni Warrick), Prof. Bert Sels (KU Leuven), Dr. K. Vanbroekhoven (VITO), Prof. Martin Junginger (Uni Utrecht).

Oral and poster presentation

During this conference both oral presentations and posters sessions will be organised and you are kindly invited to contribute. Please send your abstract (half A4 with max. 2 references) at latest at March 15, 2022 to lignocost@wur.nl or upload it via the registration form.

Registration

The registration takes place via [this link](#). For this conference there is a limitation of the maximum number of participants. Therefore we kindly ask you to register as soon as possible and at latest 1 April, 2022.

Young researchers (ECI) and STSM applicants are strongly recommended to present their work in a presentation or poster. Based on the number of applicants a selection will be made by the core group + local organisers. You will be notified about this decision by 15 April, 2022.

PhD candidates will get 1 ECTS credit for attending the full program (4 days) and 1 ECTS credit extra for a poster presentation.

For LignoCOST participants a fair distribution of available reimbursement possibilities will be made by the core group.

We hope to meet you then.

With kind regards,

Local organising committee (Wageningen University & Research): Dr. Mirjam Kabel, Dr. Gijs van Erven, Dr. Ted Slaghek, Carla Bruil, Suzan Draaisma, Dr. Richard Gosselink

Detailed program (tentative)

31 May 2022 Workshop Lignin Analytics (aimed at PhD-candidates)

10:00 - 10:30	Coffee/tea & registration
10:30 - 10:45	Welcome and opening (dr. G. van Erven – Wageningen Food & Biobased Research/dr. M.A. Kabel – Wageningen University)
10:45 - 11:40	Lignin synthesis in plants (prof. W. Boerjan – University of Ghent, Belgium)
11:40 - 12:35	Overview lignin analytics (dr. M. Kabel – Wageningen University)
12:35 - 13:30	Lunch
13:30 - 14:25	Molecular weight determination of lignins (prof. A. Potthast – BOKU, Austria)
14:25 - 15:20	Lignin quantification & structural fingerprinting by pyrolysis-GC-MS (dr. G. van Erven – Wageningen Food & Biobased Research)
15:20 - 15:45	Coffee/tea break
15:45 - 16:45	Lignin molecular structure characterization by NMR (prof. P. Bruijninx – Utrecht University, The Netherlands)
16:45	Drinks & registration (in WICC)

01 June 2022 Lignin Conference day 1

09:00 - 09:15	Welcome and opening (dr. R. Gosselink - Wageningen Food & Biobased Research)
09:15 - 10:15	Keynote - Lignin monomers from beyond the canonical monolignol biosynthetic pathway (prof. J.C. del Rio – IRNAS-CSIC, Spain)
10:15 - 10:40	Coffee/tea break
10:40 - 12:30	Abstract presentations
12:30 - 13:15	Poster Session & Lunch
13:15 - 14:15	Keynote - Chemical Lignin Conversion (dr. P. Deuss – University of Groningen, The Netherlands)
14:15 - 14:30	Group picture with the participants
14:30 - 14:45	Coffee/tea break
14:45 - 16:15	Abstract presentations
16:15 - 17:30	Keynote - (prof. K. Barta – University of Graz, Austria)
17:30 - 18:30	Poster Session & drinks; followed by buffet

02 June 2022 Conference day 2

- 08:45 - 09:35 Keynote – Bacterial enzymes for lignin degradation: enzymatic and microbial conversion of lignin to high-value products (prof. T. Bugg - University of Warwick, United Kingdom)
- 09:35 - 10:20 Abstract presentations
- 10:20 - 10:45 Coffee/tea break
- 10:45 - 11:40 Keynote – Challenges and opportunities in biological/ chemical routes from lignin to end-products (dr. G. Beckham – NREL, USA)
- 11:40 - 12:35 Abstract presentations
- 12:35 - 13:30 Poster Session & Lunch
- 13:30 - 14:20 Keynote – Towards application of specific lignin production (prof. B. Sels – KU Leuven, Belgium)
- 14:20 - 15:15 Abstract presentations
- 15:15 - 15:40 Coffee/tea break
- 15:40 - 16:30 Keynote - Lignin structure – function relationships with industrial perspectives (dr. K. Vanbroekhoven – Vito, Belgium)
- 16:30 - 17:30 Abstract presentations
- 17:30 - 22:30 Poster Session & drinks; followed by buffet

03 June 2022 Conference day 3

- 08:45 - 09:35 Keynote - LCA of lignin based products (prof. M. Junginger – Utrecht University)
- 09:35 - 10:25 Abstract presentations
- 10:25 - 10:50 Coffee/tea break
- 10:50 - 11:40 Abstract presentations
- 11:40 - 12:30 Keynote - Application of Lignin & Future Perspectives (dr. R.J.A. Gosselink – Wageningen Food & Biobased Research)
- 12:30 - 12:45 Closing Session + Poster award ceremony (Scientific Organization)
- 12:45 - 13:30 Lunch