

AGENDA

Day 1 – 28 April 2022 | Van Swinderen Huys, Groningen

Zoom meeting link: <https://tinyurl.com/Fur4sus1>

8:30 - 9:00

Check-in (on-line & in-person) – all participants

9:00 - 9:15

Welcome

9:15 - 10:00 Closed-loop recycling of poly(imine-carbonate) derived from plastic waste and bio-based resources

Zeljko Tomovic
TU Eindhoven

Invited

10:00 - 10:20 From PEF to rPEF: in the pathway to a circular approach to (furanic) polyesters

Andreia Sousa
CICECO and Chemistry Department,
University of Aveiro

WG2-3

10:20 - 10:40 Production of Biobased monomers and additives for polyester and nanocomposites synthesis

Dimitrios Bikiaris
Aristotle University of Thessaloniki

WG2

10:40 - 10:55 Catalytic Conversion of Bio-based 5-HMF to Valuable Chemicals via Hydrogenation

Brett Pomeroy (*Online*)
National Institute of Chemistry Slovenia

10:55 - 11:05

Coffee Break (10 min)

11:05 - 11:50 Alexander Bismarck
University of Vienna

Invited

11:50 - 12:10 Compression molded films of bio-based poly(ester amide)s of 2,5-furandicarboxylic acid for sustainable food packaging: investigation of mechanical and gas barrier properties and compostability

Nadia Lotti
DICAM-University Of Bologna

WG2

12:10 - 12:30 Anna Szymczyk
West Pomeranian University of Technology

WG2

12:30 - 12:50 Enzymatic synthesis of furanic-aliphatic polyesters: influences of isomeric substitution

Fitrilia Silvianti
University of Groningen

WG2

12:50 - 13:05 Temperature dependence of the constrained amorphous fraction in semi-crystalline PEF

Cristina Righetti (*online*)
Consiglio Nazionale delle Ricerche (CNR)

WG2

13:05 - 14:05

IC lunch meeting (only IC members)
online participation under <https://tinyurl.com/ICGroningen>
Lunch (all participants)

14:05 - 14.50 The challenges in bringing FDCA and PEF to the market

Roy Visser
Avantium Renewable Polymers

WG3



14:50 - 15:10 Pretreatment/fractionation and chemo-catalytic conversion of lignocellulosic biomass towards platform chemicals and monomers

Konstantinos Triantafylidis
Aristotle University of Thessaloniki

WG1

15:10 - 15:30 New sustainable gram-scale syntheses of furanic diols, esters and aldehydes

Fabio Aricò
Ca' Foscari University of Venice

WG1

15:30 - 15:45

Coffee Break (15 min)

15:45 - 16:00 Furans and plant oils as versatile platforms for the design of original macromolecular materials

Talita Lacerda (*online*)
University of São Paulo

Non-WG

16:00 - 16:20 Non-noble metal catalysts assisted routes for furan-derived monomers

Atif Emre Demet
Necmettin Erbakan University

16:20 - 16:40 Journey through an 'open-minded' furfuryl alcohol polymerization

Nathanael Guigo
University Côte d'Azur

16:40 - 17:00 Furan-ester multiblock copolymers: structure and performance

Magdalena Kwiatkowska
West Pomeranian University of Technology

WG2

17:00 - 19:00

MC meeting (only MC members)
online participation under <https://tinyurl.com/MCGroningen>
Poster session (all participants)

19:00 -

Dinner



Day 2 – 29 April 2022 | Linneausborg, Room LB 5173.0055

Zoom meeting link: <https://tinyurl.com/Fur4sus2>

9:00 - 10:00 CG meeting (only CG members)
online participation under <https://tinyurl.com/CGGroningen>

On-site - **Room LB 5173.0141**

9:30 – 10:00 Check-in (online & in person) – all participants

10:00 - 10:45 Biopolymer-based nano- and microcarriers for sustainable plant protection

Frederik Wurm

University of Twente

Invited

10:45 - 11:05 Rupert Kargl

University of Maribor

11:05 - 11:25 Maria Zacarias

Logoplaste Innovation Lab

WG3

11:25 – 11.40

Coffee break (15 min)

11:40 - 11.55 Investigation on highly conductivity of polyaniline by raman spectroscopy

Sudirman (*online*)

University of Mataram

Non-WG

11:55 - 12:15 From citrus peel to plastic bottle - Sugar acid based platform chemicals

Sari Rautiainen

VTT Technical Research Centre of Finland Ltd

12:15 - 12:30 The story of the transformation of natural product into material: an example of natural pine rosin

Bilge Yilmaz (*online*)

Karadeniz Technical University

12:30 - 13:00

Take out Lunch

13:00 – ca. 17:30 Excursion to National Test Centrum Recycling (NTCP)

Duitslanddreef 7, 8447 SE Heerenveen

WG3