



Preliminary Agenda for One-day Meeting:

A SCIENTIFIC PERSPECTIVE ON MICROPLASTICS IN NATURE AND SOCIETY

including

PLASTIC RECYCLING and

BIO POLYMERS IN ADVANCED TECHNOLOGIES OF THE FUTURE

organised by

- Slovenian Engineering Academy,
- SAPEA (Science Advice for Policy by European Academies) and
- University of Ljubljana, Faculty of Chemistry and Chemical Technology

Ljubljana, 4. 10. 2019

*University of Ljubljana, Faculty of Chemistry and Chemical Technology (UL FCCT)
Večna pot 113, 1000 Ljubljana, Slovenia*

If you are interested in participating at this science to public event, please register until 15th of September 2019 per email to

[Info IAS <info@ias.si>](mailto:info@ias.si)



Preliminary Agenda of the Meeting:

9.00 – 9.30 Coffee and information for journalist: SAPEA representatives and organizers will present the content and purpose of the conference.

Morning section: Chair: Prof. dr. Karin Stana Kleinschek

9.30 - 10.00

Welcome

Dr. Mark Pleško, IAS President

Prof. Dr. Jurij Svete, Dean UL FCCT

Mr. Marjan Šarec, Prime Minister of Slovenia (TBC)

10.15 - 10.30

Zoran Stančič, Ambassador EU to Slovenia:

Presentation of EU general view about the environmental challenges in nature and society

10.30 -11.00

Dr. Gabriela Kalcikova, SAPEA:

The presentation of the SAPEA Evidence Review Report on micro- and nanoplastic pollution, published in January 2019.

www.sapea.info/microplastics

11.00 - 11.30

Prof. Wouter Poortinga, SAPEA: Plastics in society: on people, policies and behaviour

11.30 - 12.30

Panel discussion moderated by: Prof. dr. Karin Stana Kleinschek

Topics to be discussed:

- Prof. Dr. Aleksandra Lobnik; University of Maribor: Challenges of plastic recycling
- Prof. Dr. Pedro Fardim, President of the European Polysaccharides network of excellence (EPNOE)/University of Leuven: Bio polymers pro and contra
- Dr. Ivana Vinković Vrček, Institute for Medical Research and Occupational Health: Safety and risk assessment of micro/nanoplastics
- Dr. Branka Viltušnik, Director for Research and Innovation of the Company Plastika Skaza: Industrial view on environment issues and usability of the new technologies
- Mateja Mešl; Director of the Institute for the Cellulose and Paper, Ljubljana: Cellulose and other biopolymers in paper industry
- dr. Marko Maver, State Secretary at Ministry for Environment and Spatial Planning



European Polysaccharide Network Of Excellence



INŠTITUT ZA
CELULOZO IN PAPIR



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA GOSPODARSKI
RAZVOJ IN TEHNOLOGIJO



EVROPSKA UNIJA
EVROPSKI SKLAD ZA
REGIONALNI RAZVOJ
NALOŽBA V VAŠO PRIHODNOST

12.30 – 13.30 Light Lunch

Afternoon section: Chair: Prof. Dr. Andreja Žgajner Gotvajn

13.30 - 14.00 Prof. Dr. Pedro Fardim, EPNOE: Engineering biomass and biopolymers for advanced applications

14.00 – 14.30 Prof. Dr. Wolfgang Bauer, TU Graz: Application of biopolymers to improve the barrier properties of paper and board

14.30 – 15.00 Dr. Joel Wallecan, Cargill; Nature-derived alternatives to plastics – an industry viewpoint

15.00 – 15:30 Dr. Suvi Arola, VTT; A Modern Menace: Microplastics

15.30 – 15.45 **Coffee break**

15.45 – 16.15 Dr. Andrej Kržan, NIC: The future of microplastic

