

International Shellac Symposium in Mainz (ISSM) October 17th-18th 2023

The Symposium

The ISSM 2023 is the first Shellac Symposium organized in Mainz, Germany. Shellac is currently experiencing a tremendous renaissance as biogenic material for various modern applications. This particular class of naturally occurring material provides unique properties and can replace several polymers of fossil origin. However, shellac is mostly not covered in common symposia or occupies only a niche position. Consequently, it is time to bring together the major player in this respective field. This represents the first international symposium on shellac in Europe!

Program

Tuesday October 17th

The registration office is open from 10 a.m. The official opening will be at 11 a.m. Topics on the first day include history about Shellac and its processing methods in India and Thailand. Applications of SWANLAC ASL 10 aqueous shellac solution in colonic release and application in cattle hides would also be discussed.

Wednesday October 18th

The second day will focus on pharmaceutical technology using shellac and on technical usage of shellac and the compounds in shellac.

The ISSM 2023 is free of charge!
Poster presentation slots are still available.

Confirmed Speakers

Dr. Abhijit Kar

Director of the National Institute of Secondary Agriculture, India

Stephen Hall

A.F. Suter & Company Ltd, UK
„The European Shellac Association“

Prof. Dr. S. Limmatvapirat

Silpakorn University, Thailand
„Exploring the Shellac Technology: From Ancient Origins to Modern Innovations“

Prof. Dr. S. R. Waldvogel

JGU Mainz, Germany
„Electrochemical bleaching of Shellac“

Prof. Dr. P. Langguth

JGU Mainz, Germany
„Targeting of Drug Release in the Gastrointestinal Tract“

Prof. Dr. M. Biesalski

TU Darmstadt, Germany
„Functional biogenic paper coatings - novel insights into circular barrier materials“

Dr. D. Antic

University of Liverpool, UK
„Microbial immobilisation treatment of cattle hides with aqueous shellac“

Prof. Dr. Y. Karrout

Université de Lille, France
„Film coatings based on SWANLAC ASL 10 for oral controlled drug delivery in the distal part of GIT“

Prof. Dr. G. Nyström

EMPA, Switzerland
„Versatile shellac and carbon inks for disposable printed electronics“

More speakers will be announced shortly.

Your registration

If you want to register for the ISSM 2023, please use the following link:

<https://www.aksw.uni-mainz.de/international-shellac-symposium-in-mainz-issm-2023/>

Deadline: September 30th

The number of participants is limited.

Mainz

Mainz is the capital and largest city of Rhineland-Palatinate and is located at the river Rhine. It experiences a mild climate. In October the average high and low temperatures range from 15 °C to 6 °C. Mainz was founded by the Romans in the 1st Century BC. It has a picturesque Old Town with an ensemble of historical buildings. The Cathedral "Mainzer Dom" is more than 1000 years old and is predominantly in Romanesque style. The Gutenberg Museum is one of the major attractions. It is dedicated to the city's most famous son Johannes Gutenberg, who invented printing with the printing press using movable letters. He started the Printing Revolution ushering the modern period of human history.

Mainz is the capital of Rheinhessen, Germany's largest wine region. The local wine is strongly connected to the culture of the area. Shellac has a long history in Mainz, which was a central aspect in the work by Manfred Penning.

Location

Max-Planck-Institute for Polymer Research
Ackermannweg 10
55128 Mainz
Germany

Room

Hermann-Staudinger-Hörsaal

Your way to us

Airport: Frankfurt am Main Airport (FRA) is the major international airport in Germany. It has more than 1000 flight connections per day. Distance to Mainz: less than 30 km corresponding approx. 30 min by public transportation.

Railway: Mainz central station has many connections to major German cities and close by European metropolises.

ICE connection to Frankfurt: 30 min, approx. every hour. In addition, many regional trains.

Public transport: We recommend to leave Mainz central station via Exit "West". Please walk along the parking area towards the bus stop with busses or city train heading to the right hand, away from central station. Pick either of the lines 51 (city train) or 53 (city train). Get off at the stop "Hochschule Mainz". The Max-Planck-Institute for Polymer Research is on the other side of the street „Koblenzer Straße“.

By car: Parking is possible on JGU Mainz campus. However, we strongly recommend to use public transport as formalities at the main gate may complicate things unnecessarily. On campus make a left turn just behind the central gate into Duesbergweg. On the left there is a parking space and the Max-Planck-Institute for Polymer Research is next to this parking space.

Further information

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