



SALZBURG CENTER FOR
SMART MATERIALS

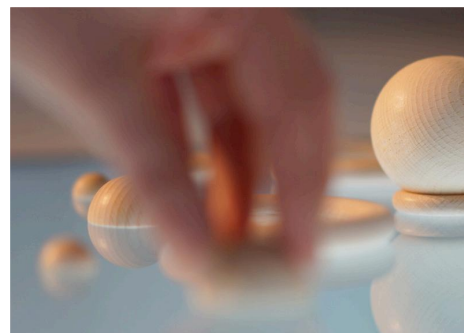
1ST INTERNATIONAL CONFERENCE
FOR SMART MATERIALS, KUCHL
16-17 SEPTEMBER 2021



CALL FOR ABSTRACT
SUBMISSION UNTIL 25th
OF JANUARY 2021



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MEDIA PARTNER

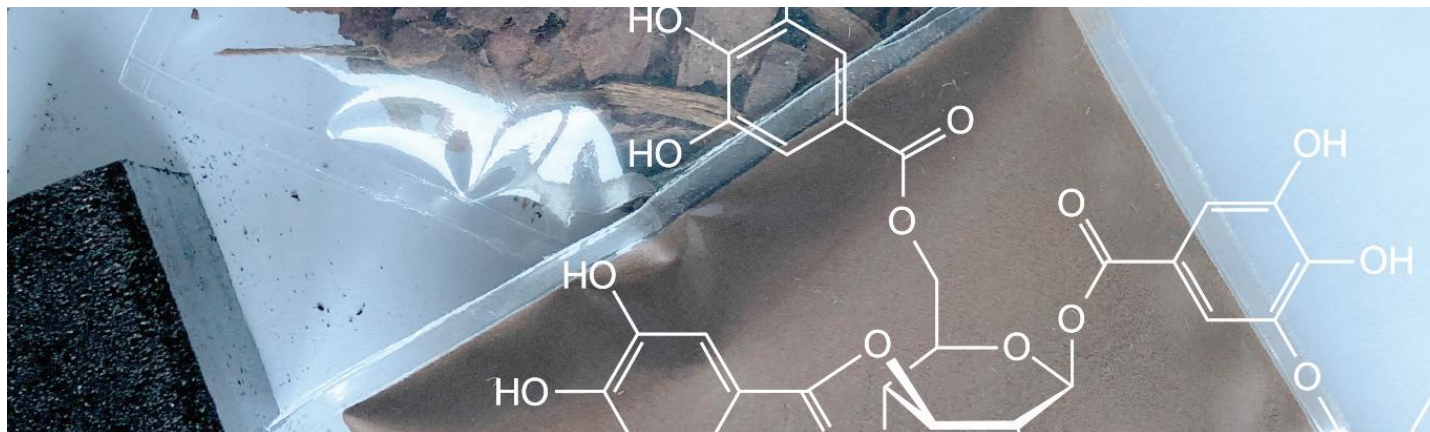


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ORGANIZER





SALZBURG CONFERENCE FOR SMART MATERIALS

THE FIRST INTERNATIONAL CONFERENCE ON SMART MATERIALS IN SALZBURG – KUCHL, 16-17 SEPTEMBER 2021

ABOUT THE CONFERENCE

The Salzburg Center for Smart Materials, a joint project by the Paris Lodron University of Salzburg and the Salzburg University of Applied Sciences, hosts the international Conference for Smart Materials in Kuchl, Austria from the 16th to the 17th of September 2021. The conference aims to bring together a highly diverse research community affiliated with smart materials. Relevant topics range from material science and engineering, to smart manufacturing and smart materials contributing to a bio-economy.

We start the first day with talks from keynote speakers from related scientific fields and industry representatives. The keynotes will be followed by paper and poster presentations divided by research areas. The second day will be dedicated to state-of-the-art smart materials within the industry. Representatives of leading companies will present their work, followed

by a visit to companies active in the field. After the selection of abstracts, we will share a detailed program on the conference website.

FREE CONFERENCE PARTICIPATION

Thanks to the EFRE-program and the state of Salzburg, the registration costs to the conference are covered. Participants are, however, still required to register in advance since only a limited number of places is available (140).

WHO SHOULD ATTEND?

The focus of this conference is to foster the exchange of knowledge in smart materials between different fields and communities. We encourage researchers and students of both scientific and non-scientific fields, as well as leading industry representatives to participate.

CALL FOR ABSTRACTS

ABOUT THE CALL

Authors are invited to contribute a poster or an oral presentation related to the suggested topics. Prospective authors must submit an abstract to be reviewed by an appointed scientific committee. Upon acceptance, a full paper can be submitted, if you wish to but it is not mandatory. Abstracts and full papers will be published in the conference proceedings on the conference website and on a USB flash drive that will be handed out to all attendees of the conference.

IMPORTANT DATES 2021

Abstract submission	25 th of January
Notification of acceptance	8 th of March
Full paper submission	14 th of May
Reviewed	1 st of July
Final version upload	1 st of August

SUGGESTED ABSTRACT TOPICS

Material Science and Engineering

- (Bio)-polymers
- Lightweight and composite materials
- Nano technology & materials

Smart Manufacturing & Material Design

- (Personal) digital fabrication
- Human-Computer Interaction
- Do-It-Yourself Materials

Smart Material Characterization

- Measuring methods
- Methodology of research and analysis

Smart Materials in a Bio-economy

- For energy and environmental applications
- Coming from renewable resources



CONFERENCE VENUE

CAMPUS KUCHL

The campus of the Salzburg University of Applied Sciences in Kuchl is a cozy and modern wood building surrounded by farmland. The small town hospitality and astonishing scenery will instantly make you feel comfortable. The hearty and welcoming inns make any guest feel at home. It is a community with character, tradition, and history. Kuchl is also a great starting point for cultural and outdoor adventures which are worth a visit when you are coming to Austria.

SALZBURG

You can combine your stay with a trip to the picturesque city of Salzburg, which is listed as an UNESCO World Heritage for its historical city center. The region of Salzburg also offers many options for outdoors activities such as the Berchtesgaden and Königsee, just a short drive away. Located in the surrounding area, the Salzammergut is a region of breathtaking lakes and villages. The Ice Caves in Werfen and the Grossglockner mountain are sightseeing high points, literally! And of course, Vienna is always worth a visit.

MEDIA PARTNER

Selected full papers will be published within a special issue of the MDPI Materials journal and will get the chance to win a best paper award (300CHF). Materials (ISSN 1996-1944, IF 2019: 3.057) is

an Open Access journal of materials science, indexed by SCIE, EI, Scopus, PubMed and gets high visibility, and the media publication time is 33 days.

ORGANIZER

The Salzburg Center for Smart Materials is a joint project by the Department of Chemistry and Physics of Materials and the Center for Human-Computer Interaction at the Paris Lodron University of Salzburg, in collaboration with the research department of Forest Products Technology & Timber Construction at the Salzburg University of Applied Sciences.

The project aims to create new links between material science and human-computer interaction. The aim is to create new stable and accessible materials that allow for novel interfaces and meaningful interactions. To achieve this aim, the project addresses the development of new (functional) hybrid materials based on sol-gel processing of biogenic and ceramic precursors and apply constructive design research to unveil the potential of those new (interactive) materials.

SCIENTIFIC COMMITTEE

UNIV.-PROF. DR. NICOLA HÜSING



Vice Rectorate for Research and Sustainability at the Paris Lodron University of Salzburg

FH-PROF. DR. ALEXANDER PETUTSCHNIGG



Head of Forest Products Technology & Timber Construction at University of Applied Sciences Salzburg

UNIV.-PROF. DR. MANFRED TSCHELIGI



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