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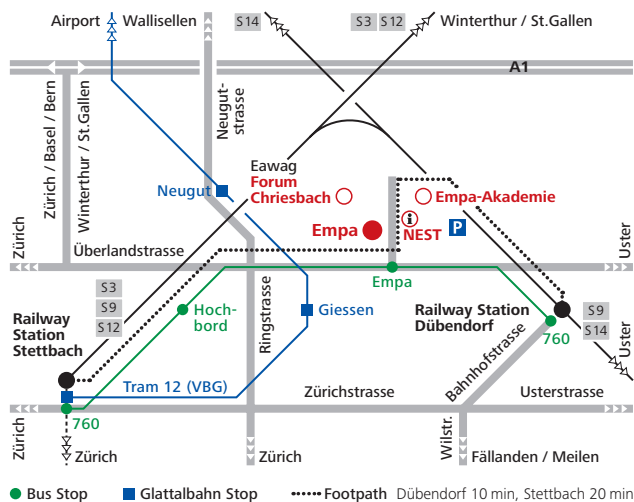shrivastava.chandrima@empa.ch

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How to get there

- ● Bus Stop   ■ Glattalbahn Stop   ⋯⋯ Footpath Dübendorf 10 min, Stettbach 20 min

Sponsored by

Empa – Materials and Technologies for a Sustainable Future

As an interdisciplinary research institute of the ETH Domain, Empa, the Swiss Federal Laboratories for Materials Science and Technology, conducts cutting-edge materials and technology research. Empa's R&D activities focus on meeting the requirements of industry and the needs of society, and thus link applications-oriented research to the practical implementation of new ideas. As a result, Empa is capable of providing its partners with customized solutions that not only enhance their innovative edge and competitiveness, but also help to improve the quality of life for the public at large, true to its mission statement: "Empa – The Place where Innovation Starts". As part of the ETH Domain, Empa is committed to excellence in all its activities.

Empa Akademie

PHD STUDENTS' SYMPOSIUM 2021

Science 4 All

Intelligent Materials and Technologies
for a Better Life

Join the hybrid (online and onsite) PhD Students' Symposium

Empa, Überlandstrasse 129, Dübendorf
Tuesday, 30 November 2021

Online registration:
www.empa-akademie.ch/phd-symposium

Aim

Nowadays, the creation and application of new, highly engineered and intelligent materials can gradually embed in our lives and make our lives better. Ambient intelligence, the Internet of Things, and predictive computing are being applied to materials science, predicting that the future life should be "intelligent".

Empa PhD Students' Symposium 2021, entitled **"Science 4 All: Intelligent Materials and Technologies for a Better Life,"** aims to provide PhD students with a platform to showcase their research and to receive feedback on their ongoing research or specific problems or concerns about the research with their peer, as well as potential collaborations between attendees from different laboratories and areas of expertise. PhD students will have the opportunity to interact not only with their peers but also with esteemed researchers in the scientific community. Also, they would be able to learn from fellow researchers in the scientific industry.

Subthemes

– Advanced and Functional Materials
– Materials for Health and Performance
– Energy and Environmental
– Sustainable Built Environment
– Analytical Science and Technology
– Automation and Artificial Intelligence

Invited speakers

Prof. Dr Daniel Müller
Professor of Biophysics, Department of Biosystems Science and Engineering, ETH Zürich
Title: "Mechanically Quantifying and Directing Biological Systems"

Dr Andrew Bollinger
CEO and CO-Founder of Sympheny,
Senior Scientist at Empa
Title: "Financing and Launching your Science Start-up"

Abstract submission

All PhD Students of Empa are invited to submit an abstract to **phd-symposium@empa.ch**
before **4 October 2021 (23:59 CET)**.

When sending your abstract, please use the template on the webpage and indicate whether you prefer to give a talk or participate in the "Science Slam". Each abstract will be evaluated, and authors will be notified in the beginning of October whether they have been accepted.

Preliminary program

Empa PhD Symposium 2021 will be held in hybrid format. Attendance on-site is limited depending on the coronavirus pandemic situation at the time, however, the whole symposium will be streamed online from Dübendorf, St. Gallen and Thun.

8:00 am	Registration and Morning coffee
9:00 am	Opening Remarks
9:15 am	Academic Keynote Presentation
10:00 am	Student Presentations Session I
10:45 am	Video Session I
11:00 am	Student Presentations Session II
11:45 am	Diversity and inclusion @ Empa
12:00 pm	Lunch Break
1:00 pm	Student Presentations Session III
1:45 pm	Video Session II
2:00 pm	Student Presentations Session IV
2:45 pm	Sponsor Videos
2:55 pm	Sponsor Presentation
3:15 pm	Start-up Keynote Speaker
4:00 pm	Award Ceremony
4:30 pm	Apéro

Formal requirements for presentators

Participants of both oral and poster presentations are requested to submit an abstract in English of no more than 200 words. The abstract must be written according to the template available at **www.empa.ch/phd-symposium**.

Each abstract will be evaluated, and authors will be notified if their presentation has been accepted. Oral and poster presentations will be evaluated by experts with a variety of scientific backgrounds. The evaluation will be based on both presentation content and the speaker's delivery. Therefore, you are asked to select three to five keywords that describe your scientific field best.

Please indicate whether you prefer to present a poster or give a talk. Note that oral presentations might not be available to all participants. In such cases the author will be notified. Oral presentations are restricted to 12 min followed by 3 min of discussion. Half of each oral presentation should be general introduction, the other half on the particular topic of the individual person. The poster size is A1 format (594 mm × 841 mm) in portrait. Further guidelines can be found on the event webpage.

Practical information

– **Participation fee:** free of charge
– **Award:** The best presentations for regular talk, poster and "Science Videos" session will be awarded with special prize. All active participants during the virtual symposium will receive gifts from sponsor and a coupon at Empa.
– **Technical information:** The symposium will be held virtually. We are currently in the organization process. Further instruction will be published soon.

Travel and accommodation

Participants are responsible for arranging their own travel and accommodation. Empa PhD students from St. Gallen and Thun may contact their respective department supervisors regarding reimbursement of transport and lodging expenses.

Please direct any further enquiries to
phd-symposium@empa.ch