

# Swiss bid to organize the ICTMS in 2021

## Why

Switzerland is very active in the field of computed tomography for materials science. We offer the services of large-scale research facilities at Paul Scherrer Institute that provides tomography stations for neutrons and synchrotron light in addition to this we also offer the services X-ray research labs at the Federal institute for Materials Testing (EMPA).

Our research groups are scientifically very active and make leading contributions to the field of computed tomography using neutrons and X-ray both in method development and in applications in the field of materials science.

## Conference themes

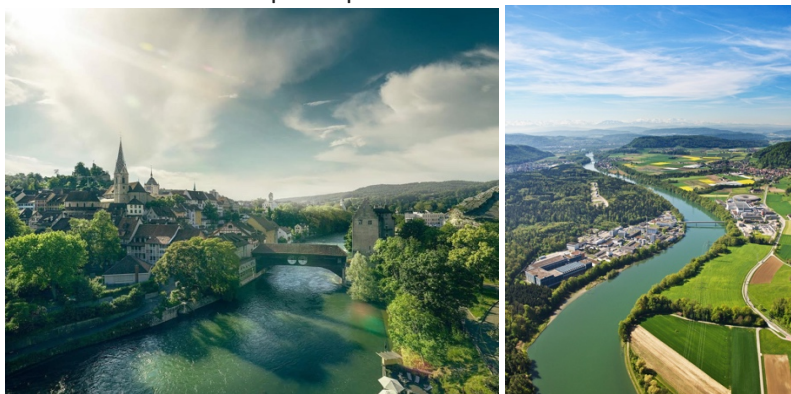
These will be the main topics of the conference

- Advances in tomography
- Instrument techniques for tomography
- Advances in tomographic reconstruction
- Tomography with multiple modalities
- Image processing techniques
- Applications
  - o Geology
  - o Civil engineering
  - o Biology
  - o Cultural heritage
  - o Additive manufacturing

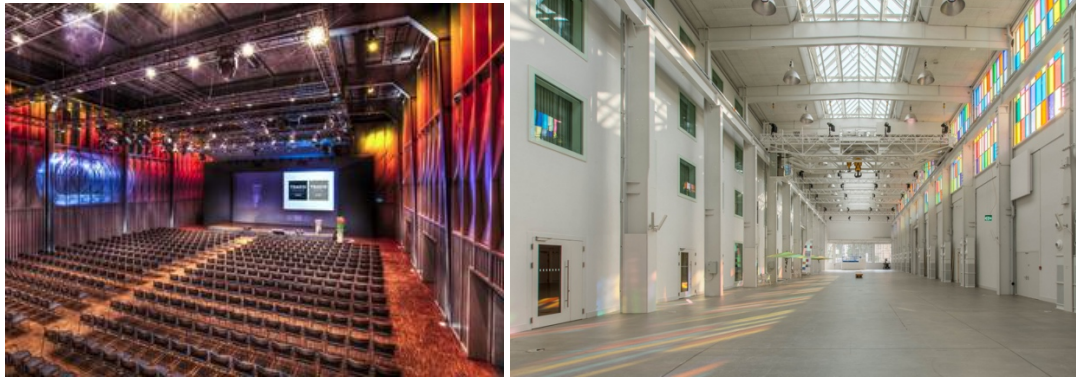
Contributions will be presented in two parallel oral sessions and in as posters.

## Venue

We foresee to host the conference in Baden, which is a small town close to Zürich (<https://www.baden.ch/en.html/2>). The tourist office in Baden will be involved to ensure the accommodation of all participants.



The conference will be organized in the conference center Trafo (<https://www.trafobaden.ch>) which has the capacity to accommodate conferences in the size of ICTMS and larger. Trafo is located in a few minutes walking distance from Baden train station.



Baden is also very close (20 minutes) to Paul Scherrer Institute, which gives us the opportunity to offer guided tours to visit our facilities.

### Reaching Baden

Baden is well situated to reach from the international airports in Zürich and Basel by train. Both airports in Zurich and Basel offer multiple flights to most European international airports daily, overseas destinations are mostly limited to a few per day. For those travelling by car, there is a highway passing by just outside Baden.



### Committees

Local organization committee

Anders Kaestner, (Co-chair) PSI

Markus Strobl, (Co-chair) PSI

Marco Stampanoni, PSI

Robert Zboray, EMPA

Renate Bercher, (Secretary), PSI

With additional support from members of the Neutron Imaging and Applied materials Group, PSI

Scientific committee

To be determined

## Budget (Very preliminary)

### Budget

This budget is based on 250 participants (~50% Students and ~80% register as early birds)

Costs	
Seminar fee (including lunch and coffee)	115kCHF
Dinner	45kCHF
Infrastructure + additional rooms	15kCHF
<b>Sum</b>	<b>175kCHF</b>
Incomes	
Conference fees	160kCHF
Sponsors	15kCHF
<b>Sum</b>	<b>175kCHF</b>

### Estimated conference fees

#### Early bird

IntACT member	CHF 750
Full fee	CHF 850
Student IntACT	CHF 350
Student full fee	CHF 425

#### Regular

IntACT member	CHF 850
Full fee	CHF 950
Student IntACT	CHF 400
Student full fee	CHF 500