

## **Proposition for hosting the 5<sup>th</sup> ICTMS in 2021 in Copenhagen**

June 21-25, 2021, Copenhagen, Denmark

We propose to hold the next ICTMS conference in the Capital of Denmark, Copenhagen from June 21<sup>st</sup> to June 25<sup>th</sup> 2021, under the auspices of the Marie Skłodowska-Curie Innovative Training Network, MUMMERING - MULTiscale, Multimodal and Multidimensional imaging for EngineerRING.

Everything related to the science of tomography is moving at a high pace in the Øresund Region including Copenhagen and southern Sweden in these years, and we are confident that participants will experience many new activities in the field that have started since the visit to nearby Lund in 2017. The [DANMAX](#) beam line will be in full user mode at the MAX IV synchrotron, providing access to state-of-the-art full-field X-ray tomography, and the newly inaugurated [Center for Quantification of Imaging Data from MAX IV](#) will be in full operation, handling the many petabytes of data expected from the imaging beam lines at MAX IV. The new national infrastructure for 3D imaging will have moved into new buildings at the Technical University of Denmark and a host of new users from academia and industry from all of Denmark and the Øresund region will be busy at these facilities and eager to showcase their work at the ICTMS 2021.

We expect that the scientific themes of the ICTMS 2021 will be heavily influenced by the many upcoming 4<sup>th</sup> generation synchrotron sources and the new possibilities offered in terms of alternative contrast modalities and correlative imaging, employing X-rays, neutrons and electrons. Also, the connection between modelling and imaging will be explored, as well as multiscale methods.



In June, Copenhagen is buzzing with activity, and the ICTMS conference will take place at the very center, thus providing easy access to restaurants and historic sites of the city. In the middle of the week, you can choose to join the traditional celebration of summer solstice, for instance around the bonfire in Nyhavn or at one of the Lakes.

The largest university in Denmark, University of Copenhagen has several campuses in the city, and just north of Copenhagen, you will find the Technical University of Denmark and the [3D Imaging Center](#). A short trip across Øresund connects you by train or car with the Universities in Malmø and Lund. Academically and culturally, Copenhagen is a lively hub of activity, which shows all of its best sides at this early time of summer.

### **Venue**

The venue will most likely be in the house of the Confederation of Danish Industry, right at the town hall square, next to the historic Tivoli Gardens. We will provide access to the Gardens for all the conference participants, which will make it very easy and convenient to find a place in the sun to socialize and network with colleagues and friends between lectures and in the evening.

The venue itself offers a modern lecture hall with space for 300 participants, and a second hall for 108 participants, thus allowing two parallel tracks, and a space to host everyone for plenary lectures. A large, spacious central hall accommodates the participants for the coffee, lunch breaks and poster session.



### **Local organizing committee and Scientific Committee:**

As coordinator of MUMMERING, the Technical University of Denmark (DTU) will provide staff for the local Organizing Committee, led by Jens Wenzel Andreasen and Anders BJORHOLM DAHL, professors at DTU Energy and DTU Compute, respectively, in collaboration with members of the LINX network - [Linking Industry to Neutrons and X-ray technology](#).

The scientific committee will be populated by colleagues from the European-wide MUMMERING network, by members of IntACT and members from the scientific committees of former ITCMS conferences to ensure continuity.

**Travel:**

Copenhagen is served by its own international airport, with direct flights to all continents and all major cities in Europe. Copenhagen has also direct railway connections to Hamburg, Berlin, Oslo, Stockholm and Gothenburg.

**Budget, and conference fee:**

Our preliminary budgeting, with a conservative estimate of sponsorships indicate that we can offer a full conference week, including lunches and a dinner and free access to the Tivoli Gardens, for an average price of EUR 600.- per participant. We suggest a tiered price scheme, with a higher price for late registrations and industry participants, and a reduced price for students.

A competitive offer for accommodation at one or more central hotels will be provided.