

# **ICFA Mini Workshop on Higher Order Modes in Superconducting Cavities (HOMSC2018)**

**Monday, October 1, 2018 - Wednesday, October 3, 2018**

**Physical Science building (PSB)**

## **Scientific Program**

<span style="font-size:14px">This workshop will be structured in four sequential working groups:</span>

<span style="font-size:14px"><span style="color:#0000CD">**WG 1: High-current accelerators and HOM damping requirements**</span></span></span>

<span style="font-size:14px">Organizers: </span>

<span style="font-size:14px"><span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif">Erk Jensen / CERN (chair)</span></span>

<span style="font-size:14px"><span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif">Georg Hoffstaetter / Cornell University</span></span>

<span style="font-size:14px"><span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif">Peter Ostroumov / MSU</span></span>

<span style="font-size:14px"><span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif">Pei Zhang / IHEP</span></span>

<span style="font-size:14px"><span style="font-family:arial,sans-serif"><span style="color:#0000CD">**WG 2: Numerical simulation – modelling approaches and tools**</span></span></span>

<span style="font-size:14px">Organizers: </span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Ursula van Rienen / University of Rostock (chair)</span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Roger Jones / University of Manchester</span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Olivier Napoly / CEA Saclay</span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Vyacheslav Yakovlev / Fermilab</span>

<span style="font-size:14px"><span style="color:#0000CD"><span style="font-family:arial,sans-serif">**WG 3: Design of SRF cavities and HOM damping schemes**</span></span></span>

<span style="font-size:14px">Organizers: </span>

<span style="font-size:14px"><span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif">Matthias Liepe / Cornell University (chair) </span></span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Jean Delayen / Old Dominion University</span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Jens Knobloch / Helmholtz Zentrum Berlin</span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Jacek Sekutowicz / NCBJ</span>

<span style="font-size:14px"><span style="color:#0000CD"><span style="font-family:arial,sans-serif">**WG 4: HOM measurements, beam effects, and diagnostics**</span></span></span>

<span style="font-size:14px">Organizers: </span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Nicoleta Baboi / DESY (chair) </span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Toshiyasu Higo / KEK</span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Nikolay Solyak / Fermilab</span>

<span style="color:rgb(68, 68, 68); font-family:verdana,arial,sans-serif; font-size:14px">Carsten Welsch / Cockcroft Institute</span>