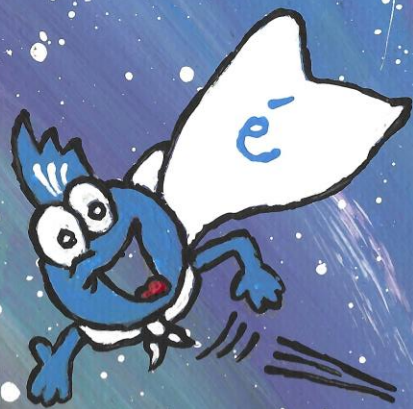


International Accelerator School

On
Superconducting Science and Technology for Particle Accelerators



Saskatoon, Canada 10 to 20 July 2023



Hosted by:



Canadian
Light
Source

Centre canadien
de rayonnement
synchrotron

In collaboration with:



UNIVERSITY OF
SASKATCHEWAN

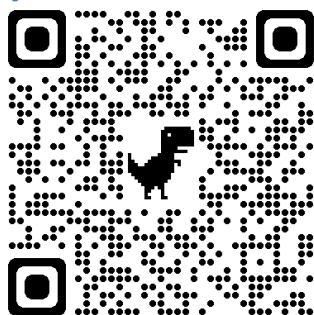


Universität Hamburg
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Endorsed by:



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School Description

The Joint Accelerator School (JAS) has historically organized topical courses at regular intervals on accelerator beam dynamics or special technologies in the field of accelerator science and technology. Since new member states have joined the effort, the school has been given a new name: International Accelerator school (IAS).

Like the JAS, the IAS will foster a collaborative atmosphere amongst the global accelerator communities and provide educational opportunities for young scientists and engineers in the fast growing field of particle accelerators.

The Canadian Light Source (CLS), in collaboration with TRIUMF and CERN, is hosting in Saskatoon the IAS 2023 course with the theme of *Superconducting Science and Technology for Particle Accelerators*. The course program will cover lectures on superconductivity and its application to the main accelerator technologies, including RF, Magnets and other ancillary engineering systems. The course program will be complemented by case-studies and so-called Hands-On courses, during which students can interact with real measurement equipment.

The course program covers from introductory level concepts up to detailed specialised topics. For this reason, graduate students, post-doctoral fellows and laboratory employees will be able to benefit from the course.

The organization team will implement very strict sanitary measures in order to ensure the health and safety of all participants due to risks of the Covid-19 pandemic. Since the conditions are likely to change over the next months, the applications for places in the course will be initially only be considered as expressions of interest until a very late final deadline. Only shortly before the course will applications become a formal commitment to attend the course.

More Information: <https://cas.web.cern.ch>