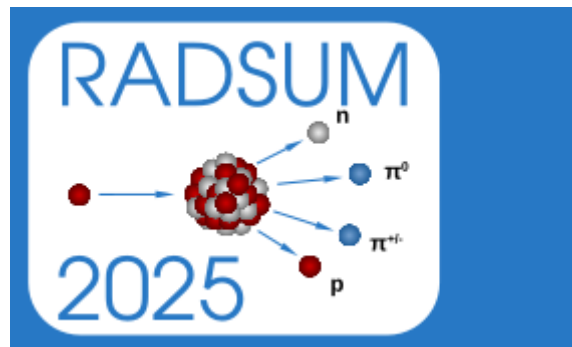


## Session Program

15-17 Jan 2025



### **RADSUM - Topical Workshop on RADIation effects in SUperconducting Magnets**

***Design of superconducting magnets and shieldings for high-radiation environments***

CERN, 30/7-018 - Kjell Johnsen Auditorium

# Friday 17 January

11:00

## Design of superconducting magnets and shieldings for high-radiation environments

**Session** | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium | **Convener:** Luca Bottura

11:00-11:20

### Design of COMET capture solenoid and shielding system

**Speaker**

Makoto Yoshida

11:25-11:45

### Magnet shielding design in present and future colliders

**Speaker**

Daniele Calzolari

11:50-12:10

### Research and development of ceramic-insulated HTS magnets for high-radiation environments

**Speaker**

Masami Iio

12:30

14:00

## Design of superconducting magnets and shieldings for high-radiation environments

**Session** | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium | **Convener:** Luca Bottura

14:00-14:20

### Efficient Magnet Designs and Radiation effects for PSI

**Speaker**

Ciro Calzolaio

14:25-14:45

### Design of magnet and shielding systems for DEMO

**Speaker**

Dr Lorenzo Giannini

14:50-15:10

### Design of magnet and shielding systems for compact fusion machines

**Speaker**

Gurdeep Kamal

15:15-15:35

### A look toward ARC: Lifetime conditions for REBCO in compact fusion power plants

**Speaker**

Ashleigh Francis

15:40-16:00

### Explorative energy deposition studies of the superconducting dipoles of the C-ion gantry for CNAO

**Speaker**

Ms Giulia Tosetti

16:05