

## **Session Program**

**2-6 May 2022**



# **I.FAST 1st Annual Meeting**

## ***Session 3***

CERN, 80/1-001 - Globe of Science and Innovation - 1st Floor

## Wednesday 4 May

14:00

### Session 3: Materials, Magnets, Applications

**Session** | **Location:** CERN, 80/1-001 - Globe of Science and Innovation - 1st Floor | **Convener:** Philip Nicholas Burrows

14:00–14:15 **Carbide-carbon materials for multipurpose applications**

**Speaker**  
Federico Carra

14:15–14:45 **Innovative Superconducting Magnets**

**Speaker**  
Lucio Rossi

14:45–15:00 **Development of ReBCO HTS nuclotron cable**

**Speaker**  
Tiemo Winkler

15:00–15:15 **Strategy for Implementing new Societal Applications**

**Speaker**  
Andrea Sagatova

15:15–15:30

**Design of Advanced Electron Accelerator Plant for Biohazard Treatment**

**Speaker**  
A.Chmielewski@ichtj.waw.pl Chmielewski

15:30–15:45 **Internal RF Ion Source for Cyclotrons**

**Speaker**  
Daniel Gavela Perez

15:45

16:15

### Session 3: Materials, Magnets, Applications

**Session** | **Location:** CERN, 80/1-001 - Globe of Science and Innovation - 1st Floor | **Convener:** Ralph Wolfgang Assmann

16:15–16:35 **Additive manufacturing - plans and recent results**

**Speakers**  
Andris Ratkus, Maurizio Vedani

16:35–16:50

**Machine Learning techniques for accelerator and target diagnostics (online)**

**Speakers**  
Irena Dolenc Kittelmann, Thomas Shea

16:50–17:05 **AM manufacturing of Superconducting cavities**

**Speaker**  
Adriano Pepato

17:05–17:20 **Development of electro-optical waveguide sensors**

17:20

**Speaker**  
Stephen Gibson