

# **EASISchool 3**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Wellcome

*Monday, 28 September 2020 13:30 (30 minutes)*

Contribution ID: 2

Type: **not specified**

## **Basic principles of SRF**

*Monday, 28 September 2020 14:00 (1h 30m)*

**Presenter:** Dr VAGLIO, Ruggero (University of Naples Federico II)

Contribution ID: 3

Type: **not specified**

## **Cavity design - Elliptical cavities and non-elliptical**

*Monday, 28 September 2020 16:00 (2 hours)*

**Presenter:** JENSEN, Erk (CERN)

Contribution ID: 4

Type: **not specified**

## **RF Test**

**Presenter:** VENTURINI DELSOLARO, Walter (CERN)

Contribution ID: 5

Type: **not specified**

## **QPRs and other RF and DC characterizations for R&D**

**Presenter:** KUGELER, Oliver Julius

Contribution ID: 6

Type: **not specified**

## Cavities fabrication

*Tuesday, 29 September 2020 14:00 (1h 30m)*

**Presenter:** SERTORE, Daniele (INFN Milano)

Contribution ID: 7

Type: **not specified**

## **Pushing Nb bulk performances**

*Tuesday, 29 September 2020 16:00 (1h 30m)*

**Presenter:** Dr CHECCHIN, Mattia (FNAL)



Contribution ID: 8

Type: **not specified**

## **Nb thin films**

**Presenter:** PIRA, Cristian (LNL-INFN)

Contribution ID: 9

Type: **not specified**

## **Nb<sub>3</sub>Sn and other materials beyond Nb**

**Presenter:** ROSAZ, Guillaume Jonathan (CERN)

Contribution ID: **10**

Type: **not specified**

## **Introduction on weak superconductivity**

*Wednesday, 30 September 2020 13:30 (1h 15m)*

**Presenter:** PAGANO, Sergio (UniSa-CNR)

Contribution ID: 11

Type: **not specified**

## Superconducting Radiation Detectors

*Wednesday, 30 September 2020 15:15 (1h 15m)*

**Presenter:** GATTI, Flavio (University and INFN of Genova)

Contribution ID: 12

Type: **not specified**

## **Superconducting Nanowire Single Photon Detectors**

Contribution ID: 13

Type: **not specified**

## **SQUIDs and applications**

**Presenter:** KIVIRANTA, Mikko (VTT)

Contribution ID: 14

Type: **not specified**

## **Superconducting electronics and spintronics**

*Thursday, 1 October 2020 14:00 (1h 30m)*

**Presenter:** PAGANO, Sergio (UniSa-CNR)

Contribution ID: 15

Type: **not specified**

## Quantum Computation

First part

**Presenter:** TAVERNELLI, Ivano (IBM Research - Zurich)



Contribution ID: 16

Type: **not specified**

## Quantum Computation

Second part

**Presenter:** TAVERNELLI, Ivano (IBM Research - Zurich)

Contribution ID: 17

Type: **not specified**

## Thermal quantum devices

*Thursday, 1 October 2020 16:00 (1h 30m)*

**Presenter:** GIAZOTTO, Francesco (CNR)

Contribution ID: 18

Type: **not specified**

## **Large magnets for fusion application**

**Presenter:** MUZZI, Luigi (ENEA)

Contribution ID: **19**

Type: **not specified**

## **NMR magnets**

Contribution ID: 20

Type: **not specified**

## **MRI magnets**

**Presenter:** QUETTIER, Lionel

Contribution ID: 21

Type: **not specified**

## Other applications

**Presenter:** TROPEANO, Matteo

Contribution ID: 22

Type: **not specified**

## **TEST for large magnets**

**Presenter:** BAJKO, Marta (CERN)

Contribution ID: 23

Type: **not specified**

# Quantum Computation 1

*Friday, 2 October 2020 09:00 (1h 30m)*

**Presenter:** TAVERNELLI, Ivano (IBM Research - Zurich)



Contribution ID: 24

Type: **not specified**

## Quantum Computation 2

*Friday, 2 October 2020 11:00 (1h 30m)*

**Presenter:** TAVERNELLI, Ivano (IBM Research - Zurich)

Contribution ID: 25

Type: **not specified**

## **SQUIDs and applications**

*Thursday, 1 October 2020 11:00 (1h 30m)*

**Presenter:** KIVIRANTA, Mikko (VTT)

Contribution ID: 26

Type: **not specified**

# Superconducting Nanowire Single Photon Detectors

*Thursday, 1 October 2020 09:00 (1h 30m)*

**Presenter:** Dr GAGGERO, Alessandro (IFN-CNR)

Contribution ID: 27

Type: **not specified**

## **Nb thin films**

*Wednesday, 30 September 2020 09:00 (1h 30m)*

**Presenter:** PIRA, Cristian (LNL-INFN)

Contribution ID: 28

Type: **not specified**

## **Nb<sub>3</sub>Sn and other materials beyond Nb**

*Wednesday, 30 September 2020 11:00 (1h 30m)*

**Presenter:** ROSAZ, Guillaume Jonathan (CERN)

Contribution ID: 29

Type: **not specified**

## RF Test

*Tuesday, 29 September 2020 09:00 (1h 30m)*

**Presenter:** VENTURINI DELSOLARO, Walter (CERN)

Contribution ID: 30

Type: **not specified**

## **QPRs and other RF and DC characterizations for R&D**

*Tuesday, 29 September 2020 11:00 (1h 30m)*

**Presenter:** KUGELER, Oliver Julius

Contribution ID: 31

Type: **not specified**

# Superconducting dipoles and quadrupoles for accelerators 1

*Monday, 5 October 2020 09:00 (1h 30m)*

**Presenter:** FARINON, Stefania (INFN e Universita Genova (IT))



Contribution ID: 32

Type: **not specified**

## **Superconducting dipoles and quadrupoles for accelerators 2**

*Monday, 5 October 2020 11:00 (1h 30m)*

**Presenter:** IZQUIERDO BERMUDEZ, Susana (CERN)

Contribution ID: 33

Type: **not specified**

## Large Detector Magnets

*Monday, 5 October 2020 14:00 (1h 30m)*

**Presenter:** FABBRICATORE, Pasquale (INFN e Universita Genova (IT))

Contribution ID: 34

Type: **not specified**

## **Construction methods and problems of superconducting magnets**

*Monday, 5 October 2020 16:00 (1h 30m)*

**Presenter:** VALLE, Nicolo' (Universita and INFN (IT))

Contribution ID: 35

Type: **not specified**

## **Large magnets for fusion application**

*Tuesday, 6 October 2020 09:00 (1h 30m)*

**Presenter:** MUZZI, Luigi (ENEA)

Contribution ID: 36

Type: **not specified**

## **TEST for large magnets**

*Tuesday, 6 October 2020 11:00 (1h 30m)*

**Presenter:** BAJKO, Marta (CERN)

Contribution ID: 37

Type: **not specified**

## **NMR magnets**

*Tuesday, 6 October 2020 14:00 (1h 30m)*

**Presenter:** Dr ALESSANDRINI, Matteo (Bruker BioSpin AG)

Contribution ID: **38**

Type: **not specified**

## **MRI magnets**

*Tuesday, 6 October 2020 16:00 (1h 30m)*

**Presenter:** QUETTIER, Lionel