

Advanced Medical Imaging with Synchrotron and Compton X-ray Sources

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome address

Presenters: Dr BRUNI, G. (INFN Bologna); Dr BRUNI, Graziano

Contribution ID: 2

Type: **not specified**

Beam dynamics at DIFA and the Bologna initiative

Presenters: Prof. TURCHETTI, Giorgio; Prof. TURCHETTI (DIFA Bologna)

Contribution ID: 3

Type: **not specified**

Brilliant Monochromatic X-rays at the Munich Compact Light Source

Presenter: ACHTERHOLD, K. (TUM)

Contribution ID: 4

Type: **not specified**

Welcome address

Presenter: Dr BRUNI, G. (INFN Bologna)

Contribution ID: 5

Type: **not specified**

Welcome address

Thursday, 21 November 2019 11:30 (10 minutes)

Presenter: .

Contribution ID: 6

Type: **not specified**

Overview and perspectives of compact ICS sources

Thursday, 21 November 2019 11:40 (20 minutes)

Presenter: TURCHETTI, Giorgio (DIFA UniBo)

Contribution ID: 7

Type: **not specified**

Brilliant Monochromatic X-rays at the Munich Compact Light Source

Thursday, 21 November 2019 12:00 (30 minutes)

Presenter: ACHTERHOLD, K. (TUM)

Contribution ID: **8**

Type: **not specified**

The ThomX ICS source

Thursday, 21 November 2019 12:30 (30 minutes)

Presenter: DUPRAZ , K. (LAL Orsay)

Contribution ID: 9

Type: **not specified**

Quick lunch

Thursday, 21 November 2019 13:00 (1 hour)

Contribution ID: **10**

Type: **not specified**

MariX/BriXS Design Study

Thursday, 21 November 2019 14:00 (30 minutes)

Presenter: SERAFINI, L. (INFN Milano)

Contribution ID: 11

Type: **not specified**

Advances in nonlinear inverse Compton scattering physics and technology at UCLA

Thursday, 21 November 2019 14:30 (30 minutes)

Presenter: ROSENZWEIG, J. (UCLA)

Contribution ID: 12

Type: **not specified**

Laser-driven particle and photon sources for medical applications at ILIL-CNR

Thursday, 21 November 2019 15:00 (30 minutes)

Presenter: LABATE , L. (ILIL-CNR Pisa)

Contribution ID: 13

Type: **not specified**

Coffe break

Thursday, 21 November 2019 15:30 (30 minutes)

Contribution ID: 14

Type: **not specified**

PRELUDE: Preclinical tool for advanced translational research with ultra-short and ultra-intense X-ray pulses

Thursday, 21 November 2019 16:00 (30 minutes)

Presenter: PANETTA, D. (CNR-IFC Pisa)

Contribution ID: 15

Type: **not specified**

AREAL Facility: Status and Plans

Thursday, 21 November 2019 16:30 (30 minutes)

Presenter: GRIGORYAN, B. (CANDLE SRI)

Contribution ID: **16**

Type: **not specified**

The STAR project

Thursday, 21 November 2019 17:00 (30 minutes)

Presenter: BACCI, A. (INFN MI)

Contribution ID: 17

Type: **not specified**

BoCXS: a Compact X-ray Source for the Bologna Metropolitan Area

Thursday, 21 November 2019 17:30 (30 minutes)

Presenter: PLACIDI, M. (CERN ret.)

Contribution ID: **18**

Type: **not specified**

Quick lunch

Contribution ID: **19**

Type: **not specified**

Welcome address

Presenter: LANDINI, M. P. (Istituti Rizzoli)

Contribution ID: 20

Type: **not specified**

BoCXS: short summary

Presenter: PLACIDI, Massimo (CERN ret.)

Contribution ID: 21

Type: **not specified**

Quick lunch

Friday, 22 November 2019 12:00 (1 hour)

Contribution ID: 22

Type: **not specified**

Welcome address

Presenter: LANDINI, M. P.

Contribution ID: 23

Type: **not specified**

BoCXS: short summary

Presenter: PLACIDI, M. (CERN ret.)

Contribution ID: 24

Type: **not specified**

Welcome address

Friday, 22 November 2019 13:00 (10 minutes)

Presenter: LANDINI, M. P. (Istituti Rizzoli)

Contribution ID: 25

Type: **not specified**

BoCXS short summary

Friday, 22 November 2019 13:10 (20 minutes)

Presenter: PLACIDI, Massimo (CERN ret.)

Contribution ID: 26

Type: **not specified**

Medical imaging research and spectroscopy at the MuCLS

Friday, 22 November 2019 13:30 (30 minutes)

Presenter: GUNTER, B. (TUM Munich)

Contribution ID: 27

Type: **not specified**

In vivo X-ray imaging at the MuCLS

Friday, 22 November 2019 14:00 (30 minutes)

Presenter: DIEROLF, M. (TUM Munich)

Contribution ID: 28

Type: **not specified**

Phase contrast biomedical imaging at the SYRMEP beamline of ELECTRA

Friday, 22 November 2019 14:30 (30 minutes)

Presenter: TROMBA, G. (ELETTRA Trieste)

Contribution ID: 29

Type: **not specified**

X-ray imaging of the skeleton: a review of clinical and research applications

Friday, 22 November 2019 15:00 (30 minutes)

Presenter: BARUFFALDI, F. (Istituti Rizzoli Bologna)

Contribution ID: **30**

Type: **not specified**

Coffe break

Friday, 22 November 2019 15:30 (30 minutes)

Contribution ID: 31

Type: **not specified**

X-ray medical imaging at Azienda USL-IRCCS Reggio Emilia

Friday, 22 November 2019 16:00 (30 minutes)

Presenter: BERTOLINI, M. (IRCCS Reggio Emilia)

Contribution ID: 32

Type: **not specified**

Potential applications of ICS in Biomedical imaging

Friday, 22 November 2019 16:30 (30 minutes)

Presenter: TAIBI, A. (UniFe)

Contribution ID: 33

Type: **not specified**

Start of art and optimization perspectives for breast imaging

Friday, 22 November 2019 17:00 (30 minutes)

Presenter: CALANDRINO, R. (IRCCS San Raffaele Milano)

Contribution ID: 34

Type: **not specified**

Round table discussion and summary

Friday, 22 November 2019 17:30 (1 hour)

Contribution ID: 35

Type: **not specified**

Closing remarks

Friday, 22 November 2019 18:30 (5 minutes)

Presenter: TURCHETTI, G. (UniBo Bologna)

Contribution ID: **36**

Type: **not specified**

Discussion

Thursday, 21 November 2019 18:00 (30 minutes)