

JUAS 2021 - COURSE 2 - The Technology & Applications of Particle Accelerators

Report of Contributions

Contribution ID: 1

Type: **not specified**

Presentation of JUAS

Monday 15 February 2021 09:00 (20 minutes)

Author: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Presenter: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Contribution ID: 2

Type: **not specified**

ESI Presentation (incl.practical information)

Author: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Presenter: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Contribution ID: 3

Type: **not specified**

Introduction to CERN Practical days (4-5 March)

Monday 15 February 2021 11:00 (10 minutes)

Author: METRAL, Elias (CERN)

Presenter: METRAL, Elias (CERN)

Contribution ID: 4

Type: **not specified**

Particle dynamics and optics

Author: BIANCACCI, Nicolo (CERN)

Presenter: BIANCACCI, Nicolo (CERN)

Contribution ID: 5

Type: **not specified**

Particle dynamics and optics

Author: BIANCACCI, Nicolo (CERN)

Presenter: BIANCACCI, Nicolo (CERN)

Contribution ID: 6

Type: **not specified**

Accelerator driven system

Monday 15 February 2021 15:45 (45 minutes)

Seminar, Moderator: John Jowett

Author: BOULY, Frederic (LPSC/IN2P3/CNRS)

Presenter: BOULY, Frederic (LPSC/IN2P3/CNRS)

Contribution ID: 7

Type: **not specified**

Introduction to RF

Tuesday 16 February 2021 09:00 (45 minutes)

Moderator: Fabio Bosco

Author: Prof. MOSTACCI, Andrea (Sapienza University of Rome e INFN-Roma I (IT))

Presenter: Prof. MOSTACCI, Andrea (Sapienza University of Rome e INFN-Roma I (IT))

Contribution ID: 8

Type: **not specified**

Special relativity (recap)

Author: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Presenter: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Contribution ID: 9

Type: **not specified**

Special relativity (recap)

Author: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Presenter: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Contribution ID: **10**

Type: **not specified**

RF Engineering

Tuesday 16 February 2021 13:15 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **11**

Type: **not specified**

Particle dynamics and optics

Author: BIANCACCI, Nicolo (CERN)

Presenter: BIANCACCI, Nicolo (CERN)

Contribution ID: **12**

Type: **not specified**

Particle dynamics and optics

Author: BIANCACCI, Nicolo (CERN)

Presenter: BIANCACCI, Nicolo (CERN)

Contribution ID: **13**

Type: **not specified**

Vacuum systems

Wednesday 17 February 2021 09:00 (45 minutes)

Authors: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Presenters: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Contribution ID: 14

Type: **not specified**

Electromagnetic fields for accelerators

Author: METRAL, Elias (CERN)

Presenter: METRAL, Elias (CERN)

Contribution ID: 15

Type: **not specified**

Electromagnetic fields for accelerators

Author: METRAL, Elias (CERN)

Presenter: METRAL, Elias (CERN)

Contribution ID: **16**

Type: **not specified**

RF Engineering

Wednesday 17 February 2021 14:30 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: 17

Type: **not specified**

Vacuum systems

Thursday 18 February 2021 09:00 (45 minutes)

Authors: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Presenters: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Contribution ID: **18**

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: **19**

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: **20**

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: **21**

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: 22

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: 23

Type: **not specified**

Longitudinal Dynamics

Author: METRAL, Elias (CERN)

Co-author: SALVANT, Benoit (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 24

Type: **not specified**

Longitudinal Dynamics

Author: METRAL, Elias (CERN)

Co-author: SALVANT, Benoit (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 25

Type: **not specified**

CERN Virtual visit

Contribution ID: 26

Type: **not specified**

Virtual visit to LHC (or other accelerator) at CERN

Contribution ID: 27

Type: **not specified**

Introduction to CERN & its accelerator complex

Seminar

Author: ALEMANY FERNANDEZ, Reyes (CERN)

Presenter: ALEMANY FERNANDEZ, Reyes (CERN)

Contribution ID: 28

Type: **not specified**

Virtual visit to CERN Control Center

Author: ALEMANY FERNANDEZ, Reyes (CERN)

Presenter: ALEMANY FERNANDEZ, Reyes (CERN)

Contribution ID: 29

Type: **not specified**

Particle accelerators, instruments of discovery in physics

Monday 15 February 2021 14:30 (45 minutes)

Seminar

Moderator: Samuel Meyroneinc

Author: LEBRUN, Philippe (European Scientific Institute (FR))

Presenter: LEBRUN, Philippe (European Scientific Institute (FR))

Contribution ID: **30**

Type: **not specified**

Beam instrumentation

Monday 22 February 2021 09:00 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **31**

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: 32

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: **33**

Type: **not specified**

Intro. to MAD-X

Author: STERBINI, Guido (CERN)

Presenter: STERBINI, Guido (CERN)

Contribution ID: **34**

Type: **not specified**

MAD-X Workshop

Author: STERBINI, Guido (CERN)

Co-authors: GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Presenters: STERBINI, Guido (CERN); GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Contribution ID: 35

Type: **not specified**

MAD-X Workshop

Author: STERBINI, Guido (CERN)

Presenter: STERBINI, Guido (CERN)

Contribution ID: 36

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: 37

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: **38**

Type: **not specified**

Transverse Dynamics

Author: GARCIA MORALES, Hector (University of Oxford)

Presenter: GARCIA MORALES, Hector (University of Oxford)

Contribution ID: 39

Type: **not specified**

Longitudinal Dynamics

Author: METRAL, Elias (CERN)

Co-author: SALVANT, Benoit (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 40

Type: **not specified**

MAD-X Workshop

Author: STERBINI, Guido (CERN)

Co-authors: GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Presenters: STERBINI, Guido (CERN); GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Contribution ID: 41

Type: **not specified**

MAD-X Workshop

Author: STERBINI, Guido (CERN)

Co-authors: GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Presenters: STERBINI, Guido (CERN); GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Contribution ID: 42

Type: **not specified**

MAD-X Workshop

Author: STERBINI, Guido (CERN)

Co-authors: GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Presenters: STERBINI, Guido (CERN); GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Contribution ID: 43

Type: **not specified**

Longitudinal Dynamics

Author: SALVANT, Benoit (CERN)

Co-author: METRAL, Elias (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 44

Type: **not specified**

Longitudinal Dynamics

Author: SALVANT, Benoit (CERN)

Co-author: METRAL, Elias (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 45

Type: **not specified**

Longitudinal Dynamics

Author: SALVANT, Benoit (CERN)

Co-author: METRAL, Elias (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: **46**

Type: **not specified**

Linacs

Author: ALESINI, David

Presenter: ALESINI, David

Contribution ID: 47

Type: **not specified**

Linacs

Author: ALESINI, David

Presenter: ALESINI, David

Contribution ID: **48**

Type: **not specified**

Linacs

Author: ALESINI, David

Presenter: ALESINI, David

Contribution ID: 49

Type: **not specified**

Longitudinal Dynamics

Author: SALVANT, Benoit (CERN)

Co-author: METRAL, Elias (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 50

Type: **not specified**

Virtual visit PSI - Welcome

Thursday 25 February 2021 09:00 (15 minutes)

PSI = Institut Paul Scherrer (Villigen, Switzerland)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: 51

Type: **not specified**

Longitudinal Dynamics

Author: SALVANT, Benoit (CERN)

Co-author: METRAL, Elias (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 52

Type: **not specified**

Longitudinal Dynamics

Author: SALVANT, Benoit (CERN)

Co-author: METRAL, Elias (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 53

Type: **not specified**

Accelerator controls (PSI)

Thursday 25 February 2021 09:30 (45 minutes)

Author: ZIMOCH, Elke (PSI)

Presenter: ZIMOCH, Elke (PSI)

Contribution ID: **54**

Type: **not specified**

Linacs

Author: ALESINI, David

Presenter: ALESINI, David

Contribution ID: 55

Type: **not specified**

SwissFEL

Friday 26 February 2021 09:00 (45 minutes)

Florian Löh

Contribution ID: 56

Type: **not specified**

Longitudinal Dynamics

Author: METRAL, Elias (CERN)

Co-author: SALVANT, Benoit (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 57

Type: **not specified**

Longitudinal Dynamics

Author: METRAL, Elias (CERN)

Co-author: SALVANT, Benoit (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 58

Type: **not specified**

Longitudinal Dynamics

Author: METRAL, Elias (CERN)

Co-author: SALVANT, Benoit (CERN)

Presenters: SALVANT, Benoit (CERN); METRAL, Elias (CERN)

Contribution ID: 59

Type: **not specified**

MAD-X Workshop

Author: STERBINI, Guido (CERN)

Co-authors: GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Presenters: STERBINI, Guido (CERN); GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Contribution ID: **60**

Type: **not specified**

MAD-X Workshop

Author: STERBINI, Guido (CERN)

Co-authors: GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Presenters: STERBINI, Guido (CERN); GARCIA MORALES, Hector (University of Oxford); FUSTER MARTINEZ, Nuria

Contribution ID: 61

Type: **not specified**

Future High-Energy Linear Colliders

Seminar

Author: RINOLFI, Louis (European Scientific Institute (FR))

Presenter: RINOLFI, Louis (European Scientific Institute (FR))

Contribution ID: **62**

Type: **not specified**

Linear imperfections

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: **63**

Type: **not specified**

Normal Conducting Magnets: BASIC PRINCIPLES

Monday 1 March 2021 09:45 (45 minutes)

Co-hosts: Jeremie BAUCHE & Lucio FISCARELLI

Author: ZICKLER, Thomas (CERN)

Presenter: ZICKLER, Thomas (CERN)

Contribution ID: 64

Type: **not specified**

Linear imperfections

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: 65

Type: **not specified**

Accelerator design

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **66**

Type: **not specified**

Accelerator design

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: 67

Type: **not specified**

Superconducting magnets: particle accelerators and superconductivity

Monday 1 March 2021 16:15 (45 minutes)

Author: FERRACIN, Paolo

Presenter: FERRACIN, Paolo

Contribution ID: **68**

Type: **not specified**

Synchrotron radiation

Author: Dr ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: Dr ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **69**

Type: **not specified**

Synchrotron radiation

Author: Dr ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: Dr ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: 70

Type: **not specified**

Synchrotron radiation

Author: Dr ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: Dr ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: 71

Type: **not specified**

Accelerator design

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: 72

Type: **not specified**

Accelerator design

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: 73

Type: **not specified**

Accelerator design

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: 74

Type: **not specified**

Beam dynamics in electron rings

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: 75

Type: **not specified**

Beam dynamics in electron rings

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: 76

Type: **not specified**

Free-electron lasers

Seminar

Author: PRAT COSTA, Eduard (PSI - Paul Scherrer Institute)

Presenter: PRAT COSTA, Eduard (PSI - Paul Scherrer Institute)

Contribution ID: 77

Type: **not specified**

Linear imperfections

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: 78

Type: **not specified**

Linear imperfections

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: 79

Type: **not specified**

Linear imperfections

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: **80**

Type: **not specified**

Beam dynamics in electron rings

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **81**

Type: **not specified**

Beam dynamics in electron rings

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **82**

Type: **not specified**

Electron-positron circular colliders

Contribution ID: **83**

Type: **not specified**

Non-linear effects

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: **84**

Type: **not specified**

Non-linear effects

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: 85

Type: **not specified**

Non-linear effects

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: **86**

Type: **not specified**

Overview ESRF: Seminar & Virtual visit

ESRF = European Synchrotron Radiation Facility
(Grenoble, France)

Author: Dr REVOL, jean-luc (ESRF)

Presenter: Dr REVOL, jean-luc (ESRF)

Contribution ID: **87**

Type: **not specified**

Injection / Extraction

Author: PERRON, Thomas (ESRF)

Presenter: PERRON, Thomas (ESRF)

Contribution ID: **88**

Type: **not specified**

Injection / Extraction

Author: PERRON, Thomas (ESRF)

Presenter: PERRON, Thomas (ESRF)

Contribution ID: **89**

Type: **not specified**

Particle sources

Monday 8 March 2021 09:00 (45 minutes)

Moderator: Thomas ANDRE

Author: THUILLIER, Thomas

Presenter: THUILLIER, Thomas

Contribution ID: **90**

Type: **not specified**

Synchrotron radiation

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **91**

Type: **not specified**

Synchrotron radiation

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **92**

Type: **not specified**

Acc. for medical & industrial applications: Part 1

Monday 8 March 2021 13:15 (1h 15m)

Moderators: Jerome Mandrillon & Erik Van Der Kraaij

Author: KLEEVEN, Wiel (IBA)

Presenter: KLEEVEN, Wiel (IBA)

Contribution ID: 93

Type: **not specified**

Space charge and instabilities

Author: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Presenter: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Contribution ID: 94

Type: **not specified**

Space charge and instabilities

Author: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Presenter: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Contribution ID: 95

Type: **not specified**

The US Electron-Ion Collider

Seminar

Contribution ID: 96

Type: **not specified**

Survey and Alignment of Accelerators

Tuesday 9 March 2021 09:00 (45 minutes)

Moderator: Louis Rinolfi

Author: MAINAUD DURAND, Helene (CERN)

Presenter: MAINAUD DURAND, Helene (CERN)

Contribution ID: 97

Type: **not specified**

Cyclotrons & FFAs

Bertrand Jacquot

Contribution ID: **98**

Type: **not specified**

Cyclotrons & FFAs

Bertrand Jacquot

Contribution ID: 99

Type: **not specified**

Intro. to the Mini-Workshop (Accelerator Design)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **100**

Type: **not specified**

Intro. to the Mini-Workshop (Accelerator Design)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **101**

Type: **not specified**

Energy recovery linacs

Tuesday 9 March 2021 15:15 (45 minutes)

Seminar

S-DALINAC (Darmstadt) has created a virtual tour including explanations (11 minutes), a video which is NOT a pre-requisite but an added value to the seminar! See the link included here.

Author: ARNOLD, Michaela (IKP, TU Darmstadt)

Presenter: ARNOLD, Michaela (IKP, TU Darmstadt)

Contribution ID: **102**

Type: **not specified**

Low energy electron accelerators

Wednesday 10 March 2021 09:00 (45 minutes)

Wim Mondelaers

Presenter: Prof. MONDELAERS, Willy (Ghent University)

Contribution ID: **103**

Type: **not specified**

Space charge and instabilities

Author: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Presenter: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Contribution ID: **104**

Type: **not specified**

Space charge and instabilities

Author: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Presenter: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Contribution ID: **105**

Type: **not specified**

KICK-OFF: Life-cycle and operability of particle accelerators

Author: MEYRONEINC, Samuel (Institut Curie)

Presenter: MEYRONEINC, Samuel (Institut Curie)

Contribution ID: **106**

Type: **not specified**

Cyclotrons & FFAs

Bertrand Jacquot

Contribution ID: **107**

Type: **not specified**

Virtual visit & Experimental work (Bergoz Instrumentation)

Wednesday 10 March 2021 14:30 (2 hours)

Author: TOUZAIN, Etienne (BERGOZ Instrumentation)

Presenter: TOUZAIN, Etienne (BERGOZ Instrumentation)

Contribution ID: **108**

Type: **not specified**

Novel High Gradient Particle Accelerators

Seminar

Author: ASSMANN, Ralph Wolfgang (DESY)

Presenter: ASSMANN, Ralph Wolfgang (DESY)

Contribution ID: **109**

Type: **not specified**

Space charge and instabilities

Author: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Presenter: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Contribution ID: **110**

Type: **not specified**

Space charge and instabilities

Author: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Presenter: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Contribution ID: **111**

Type: **not specified**

Space charge and instabilities

Author: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Presenter: MIGLIORATI, Mauro (University of Rome "LA SAPIENZA")

Contribution ID: **112**

Type: **not specified**

Intro. to the Mini-Workshop (Accelerator Design)

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **113**

Type: **not specified**

Intro. to the Mini-Workshop (Accelerator Design)

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **114**

Type: **not specified**

Intro. to the Mini-Workshop (Accelerator Design)

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **115**

Type: **not specified**

High Power Proton Linacs

Friday 12 March 2021 09:00 (45 minutes)

Author: BOUSSON, Sebastien

Presenter: BOUSSON, Sebastien

Contribution ID: **116**

Type: **not specified**

Non-linear effects

Author: BARTOSIK, Hannes (CERN)

Presenter: BARTOSIK, Hannes (CERN)

Contribution ID: **117**

Type: **not specified**

Intro. to the Mini-Workshop (Accelerator Design)

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **118**

Type: **not specified**

Radiation safety

Friday 12 March 2021 13:15 (45 minutes)

Moderator: Arnaud Devienne

Author: QUERALT, Xavier (SRFC-RAL)

Presenter: QUERALT, Xavier (SRFC-RAL)

Contribution ID: **119**

Type: **not specified**

Students Presentation of Accelerator Design (cf. Intro. to the Mini-Workshop)

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **120**

Type: **not specified**

Students Presentation of Accelerator Design (cf. Intro. to the Mini-Workshop)

Author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **121**

Type: **not specified**

Discussion: Summary of JUAS Lectures

Thursday 18 March 2021 11:00 (1h 30m)

Author: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Presenter: JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Contribution ID: **122**

Type: **not specified**

Introduction to CERN Practical days

- Magnet (J. Bauche, L. Fiscarelli)
- RF (F. Caspers)
- Vacuum (V. Baglin)

Contribution ID: **123**

Type: **not specified**

Introduction to RF

Tuesday 16 February 2021 09:45 (45 minutes)

Moderator: Fabio Bosco

Author: Prof. MOSTACCI, Andrea (Sapienza University of Rome e INFN-Roma I (IT))

Presenter: Prof. MOSTACCI, Andrea (Sapienza University of Rome e INFN-Roma I (IT))

Contribution ID: **124**

Type: **not specified**

Introduction to RF

Tuesday 16 February 2021 11:00 (45 minutes)

Moderator: Fabio Bosco

Author: Prof. MOSTACCI, Andrea (Sapienza University of Rome e INFN-Roma I (IT))

Presenter: Prof. MOSTACCI, Andrea (Sapienza University of Rome e INFN-Roma I (IT))

Contribution ID: **125**

Type: **not specified**

RF Engineering

Tuesday 16 February 2021 14:00 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **126**

Type: **not specified**

RF Engineering

Tuesday 16 February 2021 15:15 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **127**

Type: **not specified**

Vacuum systems

Wednesday 17 February 2021 09:45 (45 minutes)

Authors: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Presenters: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Contribution ID: **128**

Type: **not specified**

Vacuum systems

Wednesday 17 February 2021 11:00 (45 minutes)

Authors: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Presenters: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Contribution ID: **129**

Type: **not specified**

Vacuum systems

Wednesday 17 February 2021 13:15 (45 minutes)

Authors: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Presenters: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Contribution ID: **130**

Type: **not specified**

RF Engineering

Wednesday 17 February 2021 15:15 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **131**

Type: **not specified**

Vacuum systems

Thursday 18 February 2021 09:45 (45 minutes)

Authors: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Presenters: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Contribution ID: **132**

Type: **not specified**

Vacuum systems

Thursday 18 February 2021 11:00 (45 minutes)

Authors: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Presenters: KERSEVAN, Roberto (CERN); BAGLIN, Vincent (CERN)

Contribution ID: **133**

Type: **not specified**

RF Engineering

Thursday 18 February 2021 13:15 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **134**

Type: **not specified**

RF Engineering

Thursday 18 February 2021 14:00 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **135**

Type: **not specified**

RF Engineering

Thursday 18 February 2021 15:15 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **136**

Type: **not specified**

RF Engineering

Friday 19 February 2021 09:00 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **137**

Type: **not specified**

RF Engineering

Friday 19 February 2021 09:45 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **138**

Type: **not specified**

Virtual visit CERN

AD ELENA / LINAC4 / VACUUM LAB

Contribution ID: **139**

Type: **not specified**

Virtual visit CERN: AD ELENA

Friday 19 February 2021 13:00 (45 minutes)

Author: CARLI, Christian (CERN)

Presenter: CARLI, Christian (CERN)

Contribution ID: **140**

Type: **not specified**

Beam instrumentation

Monday 22 February 2021 09:45 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **141**

Type: **not specified**

Beam instrumentation

Monday 22 February 2021 11:00 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **142**

Type: **not specified**

Beam instrumentation

Monday 22 February 2021 13:15 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **143**

Type: **not specified**

RF Engineering

Monday 22 February 2021 14:30 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); WENDT, Manfred (CERN); BOZZOLAN, Michele (CERN)

Contribution ID: **144**

Type: **not specified**

Superconducting RF Cavities

Monday 22 February 2021 15:25 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Contribution ID: 145

Type: **not specified**

Superconducting RF Cavities

Author: CASPERS, Fritz (European Scientific Institute (FR))

Presenter: CASPERS, Fritz (European Scientific Institute (FR))

Contribution ID: **146**

Type: **not specified**

Beam instrumentation

Tuesday 23 February 2021 09:00 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **147**

Type: **not specified**

Superconducting RF Cavities

Tuesday 23 February 2021 14:30 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Contribution ID: **148**

Type: **not specified**

Beam instrumentation

Tuesday 23 February 2021 09:45 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **149**

Type: **not specified**

Beam instrumentation

Tuesday 23 February 2021 11:00 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **150**

Type: **not specified**

Beam instrumentation

Tuesday 23 February 2021 13:15 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **151**

Type: **not specified**

Superconducting RF Cavities

Tuesday 23 February 2021 15:15 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Contribution ID: **152**

Type: **not specified**

Beam instrumentation

Wednesday 24 February 2021 09:00 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **153**

Type: **not specified**

Superconducting RF Cavities

Wednesday 24 February 2021 14:30 (45 minutes)

Authors: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Presenters: CASPERS, Fritz (European Scientific Institute (FR)); CALATRONI, Sergio (CERN)

Contribution ID: **154**

Type: **not specified**

Beam instrumentation: Working groups

Wednesday 24 February 2021 09:45 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: 155

Type: **not specified**

Beam instrumentation: Working groups

Wednesday 24 February 2021 11:00 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **156**

Type: **not specified**

Beam instrumentation

Wednesday 24 February 2021 13:15 (45 minutes)

Contributor: Sajjad Mirza

Author: FORCK, Peter (GSI)

Presenter: FORCK, Peter (GSI)

Contribution ID: **157**

Type: **not specified**

Materials for SCRF cavities: Beyond niobium

Wednesday 24 February 2021 15:25 (45 minutes)

Seminar

Author: CALATRONI, Sergio (CERN)

Presenter: CALATRONI, Sergio (CERN)

Contribution ID: **158**

Type: **not specified**

Accelerator controls (continued) (PSI)

Thursday 25 February 2021 10:45 (45 minutes)

Author: ZIMOCH, Elke (PSI)

Presenter: ZIMOCH, Elke (PSI)

Contribution ID: **159**

Type: **not specified**

SwissFEL Tour

Friday 26 February 2021 10:00 (45 minutes)

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **160**

Type: **not specified**

Machine learning for accelerators (PSI)

Seminar

Author: HILLER, Nicole (PSI - Paul Scherrer Institut)

Presenter: HILLER, Nicole (PSI - Paul Scherrer Institut)

Contribution ID: **161**

Type: **not specified**

Swiss Light Source (SLS) tour

Friday 26 February 2021 13:00 (45 minutes)

Jörg Raabe, Christian Schlepütz

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **162**

Type: **not specified**

Machine learning

Friday 26 February 2021 15:00 (45 minutes)

Author: SNUVERINK, Jochem (PSI)

Presenter: SNUVERINK, Jochem (PSI)

Contribution ID: **163**

Type: **not specified**

Normal Conducting Magnets: INTRODUCTION

Monday 1 March 2021 09:00 (45 minutes)

Co-hosts: Jeremie BAUCHE & Lucio FISCARELLI

Author: ZICKLER, Thomas (CERN)

Presenter: ZICKLER, Thomas (CERN)

Contribution ID: **164**

Type: **not specified**

Normal Conducting Magnets: MAGNET TYPES

Monday 1 March 2021 11:00 (45 minutes)

Co-hosts: Jeremie BAUCHE & Lucio FISCARELLI

Author: ZICKLER, Thomas (CERN)

Presenter: ZICKLER, Thomas (CERN)

Contribution ID: **165**

Type: **not specified**

Normal Conducting Magnets: MAGNET CONSTRUCTION

Monday 1 March 2021 13:15 (45 minutes)

Co-hosts: Jeremie BAUCHE & Lucio FISCARELLI

Author: ZICKLER, Thomas (CERN)

Presenter: ZICKLER, Thomas (CERN)

Contribution ID: **166**

Type: **not specified**

Normal Conducting Magnets: ANALYTICAL DESIGN

Monday 1 March 2021 14:00 (45 minutes)

Co-hosts: Jeremie BAUCHE & Lucio FISCARELLI

Author: ZICKLER, Thomas (CERN)

Presenter: ZICKLER, Thomas (CERN)

Contribution ID: **167**

Type: **not specified**

Superconducting magnets: magnetic design

Monday 1 March 2021 17:00 (45 minutes)

Author: FERRACIN, Paolo

Presenter: FERRACIN, Paolo

Contribution ID: **168**

Type: **not specified**

Normal Conducting Magnets: NUMERICAL DESIGN

Tuesday 2 March 2021 09:00 (45 minutes)

Co-hosts: Jeremie BAUCHE & Lucio FISCARELLI

Author: ZICKLER, Thomas (CERN)

Presenter: ZICKLER, Thomas (CERN)

Contribution ID: **169**

Type: **not specified**

Superconducting magnets: mechanical design

Tuesday 2 March 2021 15:00 (45 minutes)

Author: FERRACIN, Paolo

Presenter: FERRACIN, Paolo

Contribution ID: 170

Type: **not specified**

Normal Conducting Magnets: PRESENTATION OF THE CASE STUDY

Tuesday 2 March 2021 09:45 (45 minutes)

Authors: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Presenters: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Contribution ID: 171

Type: **not specified**

Normal Conducting Magnets: WORKSHOP ON THE CASE STUDY

Tuesday 2 March 2021 11:00 (45 minutes)

Open for participants of the FULL program: 6 working groups (5 participants per group)
+ 1 group for the “abridged” participants (in case they want to work from their side but without the support of the lecturers)

Authors: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Presenters: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Contribution ID: 172

Type: **not specified**

Superconducting magnets: mechanical design

Tuesday 2 March 2021 15:45 (45 minutes)

Author: FERRACIN, Paolo

Presenter: FERRACIN, Paolo

Contribution ID: 173

Type: **not specified**

Superconducting magnets: quench, protection, training

Tuesday 2 March 2021 17:00 (45 minutes)

Author: FERRACIN, Paolo

Presenter: FERRACIN, Paolo

Contribution ID: 174

Type: **not specified**

Cryogenics for Superconducting Devices

Monday 1 March 2021 15:15 (45 minutes)

Moderator: Samuel Meyroneinc

Author: LEBRUN, Philippe (European Scientific Institute (FR))

Presenter: LEBRUN, Philippe (European Scientific Institute (FR))

Contribution ID: 175

Type: **not specified**

Normal Conducting Magnets: ORAL PRESENTATION on Analytic Design

Wednesday 3 March 2021 09:00 (1h 30m)

Groups 1, 2, 3,4, 5 & 6 (participants of the Full program)

Participants of the abridged program can follow the session

Authors: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Presenters: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Contribution ID: 176

Type: **not specified**

Normal Conducting Magnets: ORAL PRESENTATION (Part II)

Groups 4, 5 and 6

Authors: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Presenters: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Contribution ID: 177

Type: **not specified**

Normal Conducting Magnets: A guided presentation on FEMM

Wednesday 3 March 2021 11:00 (45 minutes)

(numerical software for field simulation)

Author: BAUCHE, Jeremie (CERN)

Presenters: BAUCHE, Jeremie (CERN); ZICKLER, Thomas (CERN)

Contribution ID: **178**

Type: **not specified**

Mini-workshop on Superconducting magnets

Wednesday 3 March 2021 14:00 (45 minutes)

Authors: SCHOERLING, Daniel (CERN); FERRACIN, Paolo

Presenters: SCHOERLING, Daniel (CERN); FERRACIN, Paolo

Contribution ID: 179

Type: **not specified**

Mini-workshop on Superconducting magnets

Author: FERRACIN, Paolo

Presenter: FERRACIN, Paolo

Contribution ID: **180**

Type: **not specified**

Mini-workshop on Superconducting magnets

Wednesday 3 March 2021 14:45 (45 minutes)

Authors: SCHOERLING, Daniel (CERN); FERRACIN, Paolo

Presenters: SCHOERLING, Daniel (CERN); FERRACIN, Paolo

Contribution ID: **181**

Type: **not specified**

Mini-workshop on Superconducting magnets

Wednesday 3 March 2021 16:00 (45 minutes)

Authors: SCHOERLING, Daniel (CERN); FERRACIN, Paolo

Presenters: SCHOERLING, Daniel (CERN); FERRACIN, Paolo

Contribution ID: **182**

Type: **not specified**

Virtual CERN Practical days

Thursday 4 March 2021 09:30 (3 hours)

- RF (Online training): A. Mostacci
- RF (Live Demo): F. Caspers, M. Wendt, M. Bozzolan
- MAGNET (Technology & Test): J. Bauche
- VACUUM (Simulation): R. Kersevan, M. Ady (Instructions: <https://molflow.web.cern.ch/node/376>)
- VACUUM (Pumping & leak detection): B. Jenninger
- VACUUM (Instruments calibration): S. Meunier

Contribution ID: **183**

Type: **not specified**

Virtual CERN Practical days

Thursday 4 March 2021 14:00 (3 hours)

- RF (Online training): A. Mostacci
- RF (Live Demo): F. Caspers, M. Wendt, M. Bozzolan
- MAGNET (Magnetic measurements): L. Fiscarelli
- VACUUM (Simulation): R. Kersevan, M. Ady (Instructions: <https://molflow.web.cern.ch/node/376>)
- VACUUM (Pumping & leak detection): B. Jenninger
- VACUUM (Instruments calibration): S. Meunier

Contribution ID: **184**

Type: **not specified**

Virtual CERN Practical days

Friday 5 March 2021 09:30 (3 hours)

- RF (Online training): A. Mostacci
- RF (Live Demo): F. Caspers, M. Wendt, M. Bozzolan
- MAGNET (Technology & Test): J. Bauche
- VACUUM (Simulation): R. Kersevan, M. Ady (Instructions: <https://molflow.web.cern.ch/node/376>)
- VACUUM (Pumping & leak detection): B. Jenninger
- VACUUM (Instruments calibration): S. Meunier

Contribution ID: **185**

Type: **not specified**

Virtual CERN Practical days

Friday 5 March 2021 14:00 (3 hours)

- RF (Online training): A. Mostacci
- RF (Live Demo): F. Caspers, M. Wendt, M. Bozzolan
- MAGNET (Magnetic measurements): L. Fiscarelli
- VACUUM (Simulation): R. Kersevan, M. Ady (Instructions: <https://molflow.web.cern.ch/node/376>)
- VACUUM (Pumping & leak detection): B. Jenninger
- VACUUM (Instruments calibration): S. Meunier

Contribution ID: **186**

Type: **not specified**

Particle sources

Monday 8 March 2021 09:45 (45 minutes)

Moderator: Thomas ANDRE

Author: THUILLIER, Thomas

Presenter: THUILLIER, Thomas

Contribution ID: **187**

Type: **not specified**

Particle sources

Monday 8 March 2021 11:00 (45 minutes)

Moderator: Thomas ANDRE

Author: THUILLIER, Thomas

Presenter: THUILLIER, Thomas

Contribution ID: **188**

Type: **not specified**

Acc. for medical & industrial applications: Part 2

Monday 8 March 2021 14:45 (45 minutes)

Moderators: Jerome Mandrillon & Erik Van Der Kraaij

Author: KLEEVEN, Wiel (IBA)

Presenter: KLEEVEN, Wiel (IBA)

Contribution ID: **189**

Type: **not specified**

Acc. for medical & industrial applications: Part 3

Monday 8 March 2021 15:45 (45 minutes)

Moderators: Jerome Mandrillon & Erik Van Der Kraaij

Author: KLEEVEN, Wiel (IBA)

Presenter: KLEEVEN, Wiel (IBA)

Contribution ID: **190**

Type: **not specified**

Particle sources

Tuesday 9 March 2021 13:15 (45 minutes)

Moderator: Thomas ANDRE

Author: THUILLIER, Thomas

Presenter: THUILLIER, Thomas

Contribution ID: **191**

Type: **not specified**

Particle sources

Tuesday 9 March 2021 14:00 (45 minutes)

Moderator: Thomas ANDRE

Author: THUILLIER, Thomas

Presenter: THUILLIER, Thomas

Contribution ID: **192**

Type: **not specified**

Survey and Alignment of Accelerators

Tuesday 9 March 2021 09:45 (45 minutes)

Moderator: Louis Rinolfi

Author: MAINAUD DURAND, Helene (CERN)

Presenter: MAINAUD DURAND, Helene (CERN)

Contribution ID: **193**

Type: **not specified**

Survey and Alignment of Accelerators

Tuesday 9 March 2021 11:00 (45 minutes)

Moderator: Louis Rinolfi

Author: MAINAUD DURAND, Helene (CERN)

Presenter: MAINAUD DURAND, Helene (CERN)

Contribution ID: **194**

Type: **not specified**

Low energy electron accelerators

Wednesday 10 March 2021 09:45 (45 minutes)

Wim Mondelaers

Presenter: MONDELAERS, Willy (Ghent University)

Contribution ID: **195**

Type: **not specified**

Low energy electron accelerators

Wednesday 10 March 2021 11:00 (45 minutes)

Wim Mondelaers

Presenter: MONDELAERS, Willy (Ghent University)

Contribution ID: **196**

Type: **not specified**

Life-cycle and operability of particle accelerators

Thursday 11 March 2021 09:00 (45 minutes)

Moderator: Philippe Lebrun

Author: MEYRONEINC, Samuel (Institut Curie)

Presenter: MEYRONEINC, Samuel (Institut Curie)

Contribution ID: **197**

Type: **not specified**

Life-cycle and operability of particle accelerators

Thursday 11 March 2021 10:00 (1 hour)

Moderator: Philippe Lebrun

Author: MEYRONEINC, Samuel (Institut Curie)

Presenter: MEYRONEINC, Samuel (Institut Curie)

Contribution ID: **198**

Type: **not specified**

Life-cycle and operability of particle accelerators

Thursday 11 March 2021 11:15 (45 minutes)

Moderator: Philippe Lebrun

Author: MEYRONEINC, Samuel (Institut Curie)

Presenter: MEYRONEINC, Samuel (Institut Curie)

Contribution ID: **199**

Type: **not specified**

Radiation oncology: Biology, Physics & Clinical applications

Thursday 11 March 2021 13:15 (1h 15m)

Seminar

Moderator: John Jowett

Presenter: DURHAM, André (HUG)

Contribution ID: **200**

Type: **not specified**

Virtual visit: Geneva Hospital - Therapeutic applications

Presenter: DURHAM, André (HUG)

Contribution ID: **201**

Type: **not specified**

High Power Proton Linacs

Friday 12 March 2021 09:45 (45 minutes)

Author: BOUSSON, Sebastien

Presenter: BOUSSON, Sebastien

Contribution ID: **202**

Type: **not specified**

High Power Proton Linacs

Friday 12 March 2021 11:00 (45 minutes)

Author: BOUSSON, Sebastien

Presenter: BOUSSON, Sebastien

Contribution ID: **203**

Type: **not specified**

Radiation safety

Friday 12 March 2021 14:00 (45 minutes)

Moderator: Arnaud Devienne

Author: QUERALT, Xavier (SRFC-RAL)

Presenter: QUERALT, Xavier (SRFC-RAL)

Contribution ID: **204**

Type: **not specified**

Radiation safety

Friday 12 March 2021 15:15 (45 minutes)

Moderator: Arnaud Devienne

Author: QUERALT, Xavier (SRFC-RAL)

Presenter: QUERALT, Xavier (SRFC-RAL)

Contribution ID: 205

Type: **not specified**

STUDENTS ORAL PRESENTATION on Practicals Days @CERN (graded)

Monday 15 March 2021 08:45 (15 minutes)

Based on the subject you have selected:

- 10 minutes per group + 5 min Q&A (evaluated by a panel of coordinators)
- A powerpoint presentation per group is requested.

Each student of a group receives the mark given to the group based on the following criteria, of equal importance:

- Contents of the presentation: scientific & technical context of practical work, specific measurements performed, instruments used, precision, results & discussion
- Form of the presentations: clarity of oral, fluency of English, quality of the slides, readability of drawing and graphs, timing

Contribution ID: **206**

Type: **not specified**

STUDENTS ORAL PRESENTATION on Practicals (graded)

Contribution ID: **207**

Type: **not specified**

STUDENTS ORAL PRESENTATION on Practicals (graded)

Contribution ID: **208**

Type: **not specified**

STUDENTS ORAL PRESENTATION on Practicals (graded)

Contribution ID: **209**

Type: **not specified**

Virtual visit CERN: LINAC4

Friday 19 February 2021 14:05 (45 minutes)

Authors: LOMBARDI, Alessandra (CERN); LALLEMENT, Jean-Baptiste (CERN)

Presenters: LOMBARDI, Alessandra (CERN); LALLEMENT, Jean-Baptiste (CERN)

Contribution ID: **210**

Type: **not specified**

Virtual visit CERN: THIN FILM COATING FACILITIES

Friday 19 February 2021 15:10 (45 minutes)

Authors: COSTA PINTO, Pedro (CERN); VOLLENBERG, Wilhelmus (CERN)

Presenters: COSTA PINTO, Pedro (CERN); VOLLENBERG, Wilhelmus (CERN)

Contribution ID: **211**

Type: **not specified**

Working groups: Normal conducting magnets

Tuesday 2 March 2021 13:15 (1h 15m)

Open for participants of the FULL program: 6 working groups

Contribution ID: **212**

Type: **not specified**

Working groups: Normal conducting magnets

Tuesday 2 March 2021 17:45 (2 hours)

Working groups of the case study
(up to each group to use this time slot to work all together)

Contribution ID: **213**

Type: **not specified**

Q&A session: Normal conducting magnets

Tuesday 2 March 2021 13:00 (15 minutes)

Contribution ID: **214**

Type: **not specified**

Working groups (REPORTS): Normal conducting magnets

Wednesday 3 March 2021 16:45 (2h 15m)

Written report to be submitted on Monday 15 March
(up to each group to use this time slot to work all together)

Contribution ID: **215**

Type: **not specified**

Presentation of ESI

Monday 15 February 2021 09:20 (15 minutes)

Author: HOLLAND, Robert Lionel (European Scientific Institute (FR))

Presenter: HOLLAND, Robert Lionel (European Scientific Institute (FR))

Contribution ID: **216**

Type: **not specified**

Practical information

Monday 15 February 2021 09:35 (10 minutes)

Author: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Presenter: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Contribution ID: **217**

Type: **not specified**

Introduction of participants

Monday 15 February 2021 09:45 (45 minutes)

Author: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Presenter: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Contribution ID: **218**

Type: **not specified**

MAGNET: CERN Practical days (4-5 March)

Monday 15 February 2021 11:10 (15 minutes)

Authors: BAUCHE, Jeremie (CERN); FISCARELLI, Lucio (CERN)

Presenters: BAUCHE, Jeremie (CERN); FISCARELLI, Lucio (CERN)

Contribution ID: **219**

Type: **not specified**

VACUUM: CERN Practical days (4-5 March)

Monday 15 February 2021 11:25 (15 minutes)

Author: BAGLIN, Vincent (CERN)

Presenter: BAGLIN, Vincent (CERN)

Contribution ID: **220**

Type: **not specified**

RF: CERN Practical days (4-5 March)

Monday 15 February 2021 13:15 (15 minutes)

Author: CASPERS, Fritz (European Scientific Institute (FR))

Presenter: CASPERS, Fritz (European Scientific Institute (FR))

Contribution ID: **221**

Type: **not specified**

Q&A, Concluding remarks & online poll: CERN Practical days (4-5 March)

Monday 15 February 2021 13:30 (30 minutes)

Author: METRAL, Elias (CERN)

Presenter: METRAL, Elias (CERN)

Contribution ID: **222**

Type: **not specified**

PERMANENT ZOOM LINK COURSE 2

Monday 15 February 2021 08:00 (1 hour)

<https://zoom.us/j/2630908039?pwd=NnRBNW42b2h3akhjVWxYMCszbzY0dz09>

Meeting ID : 263 090 8039

Password : 74160

Contribution ID: **223**

Type: **not specified**

Working groups: Superconducting magnets

Thursday 4 March 2021 17:00 (2 hours)

Working groups on the reports

(up to each group to use this time slot to work all together)

Contribution ID: **224**

Type: **not specified**

Working groups: Superconducting magnets

Friday 5 March 2021 17:00 (2 hours)

Working groups on the reports
(up to each group to use this time slot to work all together)

Contribution ID: **225**

Type: **not specified**

ProScan introduction

Thursday 25 February 2021 13:15 (45 minutes)

Author: SCHIPPERS, Jacobus Maarten

Presenter: SCHIPPERS, Jacobus Maarten

Contribution ID: **226**

Type: **not specified**

ProScan visit

Thursday 25 February 2021 14:15 (45 minutes)

Author: SCHIPPERS, Jacobus Maarten

Presenter: SCHIPPERS, Jacobus Maarten

Contribution ID: **227**

Type: **not specified**

Dielectric laser accelerators

Friday 26 February 2021 16:00 (45 minutes)

Presenter: HERMANN, Benedikt (PSI - Paul Scherrer Institut)

Contribution ID: **228**

Type: **not specified**

SwissFEL Tour (continued)

Friday 26 February 2021 11:00 (45 minutes)

Author: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Presenter: ISCHEBECK, Rasmus (Paul Scherrer Institut)

Contribution ID: **229**

Type: **not specified**

PSI Visit of the day (recorded sessions)

Friday 26 February 2021 08:45 (15 minutes)

Passcode: #4.sl+3t

Contribution ID: **230**

Type: **not specified**

Seminar on muon colliders

Wednesday 10 March 2021 13:15 (45 minutes)

Moderator: Elias Metral

Author: SCHULTE, Daniel (CERN)

Presenter: SCHULTE, Daniel (CERN)

Contribution ID: 231

Type: **not specified**

Important information: Practical days at CERN (& oral presentations)

Wednesday 3 March 2021 13:30 (15 minutes)

Author: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Presenter: VANDERGooten, Stephanie Denise H (European Scientific Institute (FR))

Contribution ID: **232**

Type: **not specified**

Group 1 (Magnets)

Monday 15 March 2021 09:00 (15 minutes)

Team:

- GERARD Julien
- GUYOT Coline
- VERMAUT Mathis
- RAYMOND ANUMANEH Akomoneh

Contribution ID: **233**

Type: **not specified**

Group 2 (Magnets)

Monday 15 March 2021 09:20 (15 minutes)

Team:

- ALHARTHI Fahad
- FONTANA Jean-Baptiste
- POURADIER DUTEIL Marc
- VITALI Bastiano

Contribution ID: **234**

Type: **not specified**

Group 3 (Magnets)

Monday 15 March 2021 09:40 (15 minutes)

Team:

- BUJ Nicolas
- HARS Quentin
- SEEGER Merle

Contribution ID: **235**

Type: **not specified**

Group 1 (RF)

Monday 15 March 2021 10:35 (15 minutes)

Team:

- HEBRAUD Julien
- INTELISANO Leandro
- MARINACI Stefano
- PIRES Abel

Contribution ID: **236**

Type: **not specified**

Group 2 (RF)

Monday 15 March 2021 10:55 (15 minutes)

Team:

- COOLS Antoine
- DU BUAT Victor
- MARCHI Mariangela

Contribution ID: **237**

Type: **not specified**

Group 1 (VACUUM)

Monday 15 March 2021 11:15 (15 minutes)

Team:

- DENIAUD Marin
- EVEILLARD Sarah
- SIMON Guillaume
- UDONGWO Sosoho-Abasi

Contribution ID: **238**

Type: **not specified**

Group 2 (VACUUM)

Monday 15 March 2021 11:35 (15 minutes)

Team:

- BREZINA Tomas
- GONG Yihao
- POTOINE Jean-Baptiste
- SORNAY Thomas

Contribution ID: 239

Type: **not specified**

Concluding remarks (Practical days @CERN)

Monday 15 March 2021 11:55 (20 minutes)

Authors: METRAL, Elias (CERN); JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE)); RINOLFI, Louis (European Scientific Institute (FR)); LEBRUN, Philippe (European Scientific Institute (FR))

Presenters: METRAL, Elias (CERN); JOWETT, John (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE)); RINOLFI, Louis (European Scientific Institute (FR)); LEBRUN, Philippe (European Scientific Institute (FR))