

Lecture week on "Imaging with particles"

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, 23 September 2019 14:00 (15 minutes)

Presenter: ROEHRICH, Dieter (University of Bergen (NO))

Session Classification: Lectures

Contribution ID: 2

Type: **not specified**

Nano Imaging

Monday, 23 September 2019 14:15 (1h 30m)

Presenter: Prof. HOLST, Bodil (UiB)

Session Classification: Lectures

Contribution ID: 3

Type: **not specified**

Introduction to particle therapy

Tuesday, 24 September 2019 09:30 (45 minutes)

Presenter: Dr PIERSIMONI, Pierluigi (UiB)

Session Classification: Lectures

Contribution ID: 4

Type: **not specified**

SEM

Tuesday, 24 September 2019 15:00 (2 hours)

Presenter: Dr GREVE, Martin

Session Classification: Hands-on session

Contribution ID: 5

Type: **not specified**

Pixel sensors

Tuesday, 24 September 2019 15:00 (2 hours)

Presenter: Dr TAMBAVE, Ganesh Jagannath (University of Bergen (NO))

Session Classification: Hands-on session

Contribution ID: 6

Type: **not specified**

Imaging with neutrons

Thursday, 26 September 2019 09:30 (1h 30m)

Presenter: Dr KALLIOPI, Kanaki (ESS)

Session Classification: Lectures

Contribution ID: 7

Type: **not specified**

SEM

Wednesday, 25 September 2019 14:00 (2 hours)

Session Classification: Hands-on session

Contribution ID: 8

Type: **not specified**

Pixel sensors

Wednesday, 25 September 2019 14:00 (2 hours)

Session Classification: Hands-on session

Contribution ID: 9

Type: **not specified**

Combined use of neutrons and synchrotron radiation to unravel molecular structures in the nervous system

Thursday, 26 September 2019 11:30 (1h 30m)

Presenter: Prof. KURSULA, Petri (UiB)

Session Classification: Lectures

Contribution ID: **10**

Type: **not specified**

Neuroimaging: from structure to molecule with PET and MR

Wednesday, 25 September 2019 09:30 (1h 30m)

Presenter: Prof. GRUENER, Renate (UiB/HUS)

Session Classification: Lectures

Contribution ID: 11

Type: **not specified**

Medical radiography and tomography with proton beams

Tuesday, 24 September 2019 10:15 (45 minutes)

Presenter: Dr PIERSIMONI, Pierluigi (UiB)

Session Classification: Lectures

Contribution ID: 12

Type: **not specified**

Computed Tomography CT

Monday, 23 September 2019 16:15 (1h 30m)

Presenters: Dr PETERSEN, Helge E S (Haukeland); Dr PETERSEN, Helge Egil Seime (Haukeland University Hospital)

Session Classification: Lectures

Contribution ID: 13

Type: **not specified**

The Bergen pCT project

Tuesday, 24 September 2019 11:30 (45 minutes)

Presenters: Dr PETERSEN, Helge E S; Dr PETERSEN, Helge Egil Seime (Haukeland University Hospital)

Session Classification: Lectures

Contribution ID: 14

Type: **not specified**

The ALPIDE chip in proton CT

Tuesday, 24 September 2019 12:15 (45 minutes)

Presenter: Dr TAMBAVE, Ganesh Jagannath (University of Bergen (NO))

Session Classification: Lectures

Contribution ID: 15

Type: **not specified**

Medical Imaging

Session Classification: Lectures

Contribution ID: 16

Type: **not specified**

Most likely path and reconstruction concepts in proton imaging

Thursday, 26 September 2019 14:00 (1 hour)

Presenter: Dr COLLINS FEKETE, Charles-Antoine (NPL/UCL)

Session Classification: Lectures

Contribution ID: 17

Type: **not specified**

Carbon beam imaging

Friday, 27 September 2019 09:30 (20 minutes)

Presenter: EIKELAND, Viljar Nilsen (University of Bergen (NO))

Session Classification: Lectures

Contribution ID: **18**

Type: **not specified**

Single-sided proton imaging set-up; investigations and observations

Friday, 27 September 2019 09:50 (20 minutes)

Presenter: SOLIE, Jarle (HVL/UiB)

Session Classification: Lectures

Contribution ID: 19

Type: **not specified**

Development of Readout Electronics for a Digital Tracking Calorimeter

Friday, 27 September 2019 10:10 (20 minutes)

Presenter: GROETTVIK, Ola Slettevoll (University of Bergen (NO))

Session Classification: Lectures

Contribution ID: 20

Type: **not specified**

CMOS SPAD

Friday, 27 September 2019 11:00 (20 minutes)

Presenter: KELLER, Michael (Heidelberg University)

Session Classification: Lectures

Contribution ID: 21

Type: **not specified**

Gammas from sparks

Tuesday, 24 September 2019 15:00 (2 hours)

Presenter: Dr KOCHKIN, Pavlo (UiB)

Session Classification: Hands-on session

Contribution ID: 22

Type: **not specified**

Introduction to hands-on experiments

Tuesday, 24 September 2019 14:00 (30 minutes)

Session Classification: Lectures

Contribution ID: 23

Type: **not specified**

Gammas from sparks

Wednesday, 25 September 2019 14:00 (2 hours)

Presenter: KOCHKIN, Pavlo (UiB)

Session Classification: Hands-on session

Contribution ID: 24

Type: **not specified**

Particle Imaging with HVMAPS

Friday, 27 September 2019 11:20 (20 minutes)

Presenter: KROEGER, Jens (Ruprecht Karls Universitaet Heidelberg (DE))

Session Classification: Lectures

Contribution ID: 25

Type: **not specified**

Mocca

Friday, 27 September 2019 11:40 (20 minutes)

Presenter: SCHULZ, Dennis (University of Heidelberg)

Session Classification: Lectures

Contribution ID: 26

Type: **not specified**

Exams

Friday, 27 September 2019 12:00 (30 minutes)

Session Classification: Lectures

Contribution ID: 27

Type: **not specified**

Data handling and visualization in large multicentre imaging studies (ABCD)

Wednesday, 25 September 2019 11:30 (1h 30m)

Presenter: Dr BARTSCH, Hauke (MMIV - UiB/HUS)

Session Classification: Lectures