

PRAE International Workshop

Report of Contributions

Contribution ID: 20

Type: **not specified**

PRAE general description

Monday, October 8, 2018 9:00 AM (10 minutes)

Presenter: FAUS-GOLFE, Angeles (IFIC et LAL)

Session Classification: Session Technique

Contribution ID: 21

Type: **not specified**

WBS + Planning

Monday, October 8, 2018 9:10 AM (9 minutes)

Presenter: VALLERAND, Cynthia (LAL)

Session Classification: Session Technique

Contribution ID: 22

Type: **not specified**

Infrastructure

Monday, October 8, 2018 9:19 AM (9 minutes)

Presenter: DUCHESNE, Patricia (IPNO)

Session Classification: Session Technique

Contribution ID: 23

Type: **not specified**

Beam line design

Monday, October 8, 2018 9:28 AM (9 minutes)

Presenter: HAN, Yianlang (LAL)

Session Classification: Session Technique

Contribution ID: 24

Type: **not specified**

RF GUN

Monday, October 8, 2018 9:37 AM (9 minutes)

Presenter: LEPERCQ, Pierre (LAL)

Session Classification: Session Technique

Contribution ID: 25

Type: **not specified**

High power & RF Network

Monday, October 8, 2018 9:46 AM (9 minutes)

Presenter: OMEICH, Maher (LAL)

Session Classification: Session Technique

Contribution ID: 26

Type: **not specified**

Accelerating section

Monday, October 8, 2018 9:55 AM (9 minutes)

Presenter: EL KHALDI, Mohamed (LAL)

Session Classification: Session Technique

Contribution ID: 27

Type: **not specified**

Magnets

Monday, October 8, 2018 10:04 AM (9 minutes)

Presenter: VALLERAND, Cynthia (LAL)

Session Classification: Session Technique

Contribution ID: 28

Type: **not specified**

BPM

Monday, October 8, 2018 10:13 AM (9 minutes)

Presenter: ABDILLAH, Mohamed (IPNO)

Session Classification: Session Technique

Contribution ID: 29

Type: **not specified**

Dechirping structure

Monday, October 8, 2018 10:22 AM (8 minutes)

Presenter: WALLON, Sandry (LAL)

Session Classification: Session Technique

Contribution ID: **30**

Type: **not specified**

Vacuum

Monday, October 8, 2018 10:45 AM (9 minutes)

Presenter: MERCIER, Bruno (LAL)

Session Classification: Session Technique

Contribution ID: 32

Type: **not specified**

Platform design

Monday, October 8, 2018 10:54 AM (9 minutes)

Presenter: LE GALLIARD, Christine (IPNO)

Session Classification: Session Technique

Contribution ID: 33

Type: **not specified**

Integration and alignment

Monday, October 8, 2018 11:03 AM (8 minutes)

Presenter: DOUILLET, Denis (LAL)

Session Classification: Session Technique

Contribution ID: 34

Type: **not specified**

Control-commande

Monday, October 8, 2018 11:11 AM (8 minutes)

Presenter: GAURON, Philippe (LAL)

Session Classification: Session Technique

Contribution ID: 35

Type: **not specified**

Low level RF + Interlocks

Monday, October 8, 2018 11:19 AM (8 minutes)

Presenter: EL-KAMCHI, Noureddine (LAL)

Session Classification: Session Technique

Contribution ID: 37

Type: **not specified**

Safety

Monday, October 8, 2018 11:27 AM (8 minutes)

Presenter: BZYL, Harold (IPNO)

Session Classification: Session Technique

Contribution ID: **38**

Type: **not specified**

Radioprotection

Monday, October 8, 2018 11:35 AM (8 minutes)

Presenter: HORONDYNSKI, Jean-Michel

Session Classification: Session Technique

Contribution ID: 42

Type: **not specified**

Welcome

Monday, October 8, 2018 2:00 PM (30 minutes)

Presenter: Prof. STOCCHI, Achille (LAL)

Session Classification: Public session

Contribution ID: 43

Type: **not specified**

PRAE - Platform for Research and Applications with Electrons

Monday, October 8, 2018 2:30 PM (30 minutes)

Presenter: Dr BARSUK, Sergey (LAL)

Session Classification: Public session

Contribution ID: 44

Type: **not specified**

From Physics to Cancer treatment: current status and advances in Radiation Therapy

Monday, October 8, 2018 3:00 PM (50 minutes)

Presenter: Prof. DOSANJH, M. (CERN)

Session Classification: Public session

Contribution ID: 45

Type: **not specified**

Artificial Intelligence and Particle Accelerators: potential applications at PRAE

Monday, October 8, 2018 4:10 PM (50 minutes)

Presenter: Dr DEBONGNIE, M. (ACS company –LPSC)

Session Classification: Public session

Contribution ID: 46

Type: **not specified**

How large is a proton ?

Monday, October 8, 2018 5:00 PM (50 minutes)

Presenter: Prof. POHL, R. (Uni Mainz)

Session Classification: Public session

Contribution ID: 47

Type: **not specified**

Introduction: VHEE grid-therapy on PRAE

Tuesday, October 9, 2018 9:00 AM (25 minutes)

Presenter: Dr DELORME, R. (IMNC)

Session Classification: Radiobiology

Contribution ID: 48

Type: **not specified**

VHEE dosimetry research program at NPL

Tuesday, October 9, 2018 9:25 AM (25 minutes)

Presenter: Dr SUBIEL, A. (NPL (UK))

Session Classification: Radiobiology

Contribution ID: 49

Type: **not specified**

Radiation dosimetry of electron beams up to 50 MeV at MELAF

Tuesday, October 9, 2018 9:50 AM (25 minutes)

Presenter: Dr SCHUELLER, A. (PTB (DE))

Session Classification: Radiobiology

Contribution ID: 51

Type: **not specified**

Dose, dose-rate, beam-on time: what requisites for the "FLASH effect"

Tuesday, October 9, 2018 11:10 AM (25 minutes)

Presenter: Dr FAVAUDON, V. (Institut Curie)

Session Classification: Radiobiology

Contribution ID: 52

Type: **not specified**

Animal experimentation on radiation beamlines

Tuesday, October 9, 2018 10:45 AM (25 minutes)

Presenter: Dr POUZOULET, F. (Institut Curie)

Session Classification: Radiobiology

Contribution ID: 53

Type: **not specified**

Effect of ultra-short laser-accelerated particle pulses pace on cells survival

Tuesday, October 9, 2018 11:35 AM (25 minutes)

Presenter: Dr BAYARD, Emilie (LOA)

Session Classification: Radiobiology

Contribution ID: 54

Type: **not specified**

Discussion

Tuesday, October 9, 2018 12:00 PM (10 minutes)

Session Classification: Radiobiology

Contribution ID: 55

Type: **not specified**

Discussion

Monday, October 8, 2018 11:43 AM (15 minutes)

Session Classification: Session Technique

Contribution ID: 56

Type: **not specified**

Introduction

Tuesday, October 9, 2018 2:00 PM (15 minutes)

Presenter: Dr VOUTIER, Eric (IPNO)

Session Classification: Subatomic Physics session

Contribution ID: 57

Type: **not specified**

The ProRad experiment

Tuesday, October 9, 2018 2:15 PM (25 minutes)

Presenter: Dr HOBALLAH, M. (IPNO)

Session Classification: Subatomic Physics session

Contribution ID: 58

Type: **not specified**

Measurements of the magnetic form factors at low Q^2

Tuesday, October 9, 2018 2:40 PM (25 minutes)

Presenter: Dr BERNAUER, J. (Stony Brook University (US))

Session Classification: Subatomic Physics session

Contribution ID: 59

Type: **not specified**

Status and prospects of radiative corrections in elastic electron-proton scattering

Tuesday, October 9, 2018 3:05 PM (25 minutes)

Presenter: Dr TOMALAK, O. (Mainz University (DE))

Session Classification: Subatomic Physics session

Contribution ID: **60**

Type: **not specified**

Light Dark Matter search using electron beams

Tuesday, October 9, 2018 3:50 PM (25 minutes)

Presenter: Dr BATTAGLIERI, M. (INFN Genova (IT))

Session Classification: Subatomic Physics session

Contribution ID: **61**

Type: **not specified**

Physics beyond the Standard Model with electromagnetic probes

Tuesday, October 9, 2018 4:15 PM (25 minutes)

Presenter: Dr AFANASEV, A. (George Washington University (US))

Session Classification: Subatomic Physics session

Contribution ID: **64**

Type: **not specified**

Round table discussion

Tuesday, October 9, 2018 4:40 PM (50 minutes)

Session Classification: Subatomic Physics session

Contribution ID: 65

Type: **not specified**

Introduction: instrumentation platform of PRAE

Wednesday, October 10, 2018 9:00 AM (25 minutes)

Presenter: GENOLINI, B. (IPN Orsay)

Session Classification: Instrumentation session

Contribution ID: 66

Type: **not specified**

Fast Silicon Detectors for beam monitoring in proton therapy: preliminary results

Wednesday, October 10, 2018 9:25 AM (25 minutes)

Presenter: Dr VIGNATI, A. (INFN - Torino (IT))

Session Classification: Instrumentation session

Contribution ID: 67

Type: **not specified**

The CpFM: a high-sensitivity charged particles flux-monitor for accelerators physics

Wednesday, October 10, 2018 9:50 AM (25 minutes)

Presenter: Dr DUBOS, S. (LAL)

Session Classification: Instrumentation session

Contribution ID: **68**

Type: **not specified**

Electron channeling at PRAE for the investigation of Zitterbewegung and/or internal clock

Wednesday, October 10, 2018 10:45 AM (25 minutes)

Presenter: Dr DAUVERGNE, D. (LPSC)

Session Classification: Instrumentation session

Contribution ID: 69

Type: **not specified**

Timepix detector operation at CERN accelerator facilities

Wednesday, October 10, 2018 11:10 AM (25 minutes)

Presenter: NATOCHII, A. (LAL)

Session Classification: Instrumentation session

Contribution ID: 71

Type: **not specified**

Discussion and workshop closing

Wednesday, October 10, 2018 11:35 AM (25 minutes)

Session Classification: Instrumentation session