

ET ISB workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and logistic info

Monday, October 17, 2022 3:30 PM (10 minutes)

Presenters: COCCIA, Eugenio (Gran Sasso Science Institute and INFN); HARMS, Jan

Session Classification: Plenary session

Contribution ID: 2

Type: **not specified**

Logistics

Presenter: HARMS, Jan

Session Classification: Plenary session

Contribution ID: 3

Type: **not specified**

Recycling cavities design

Monday, October 17, 2022 3:40 PM (50 minutes)

Presenter: BROWN, Daniel (University of Adelaide)

Session Classification: Plenary session

Contribution ID: 4

Type: **not specified**

Materials for ET-LF

Monday, October 17, 2022 5:50 PM (50 minutes)

Presenter: AMATO, alex

Session Classification: Plenary session

Contribution ID: 5

Type: **not specified**

ET-LF payload and cryostat design

Monday, October 17, 2022 5:00 PM (50 minutes)

Presenter: RICCI, Fulvio (University of Rome Sapienza)

Session Classification: Plenary session

Contribution ID: 6

Type: **not specified**

Low-frequency sensitivity

Tuesday, October 18, 2022 9:00 AM (50 minutes)

Presenter: HARMS, Jan

Session Classification: Plenary session

Contribution ID: 7

Type: **not specified**

Sensitivity curve update

Tuesday, October 18, 2022 9:50 AM (50 minutes)

Presenter: ZHANG, Teng (Maastricht University)

Session Classification: Plenary session

Contribution ID: 8

Type: **not specified**

Pipe arm vacuum requirements

Tuesday, October 18, 2022 11:10 AM (40 minutes)

Presenter: GRADO, Aniello

Session Classification: Plenary session

Contribution ID: 9

Type: **not specified**

Site characterization

Tuesday, October 18, 2022 11:50 AM (40 minutes)

Presenter: D'URSO, Domenico

Session Classification: Plenary session

Contribution ID: **10**

Type: **not specified**

Recycling cavities design

Tuesday, October 18, 2022 3:30 PM (1 hour)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: 11

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Tuesday, October 18, 2022 3:30 PM (1 hour)

Presenters: BASALAEV, Artem; HARMS, Jan

Session Classification: Parallel sessions

Contribution ID: 12

Type: **not specified**

ET-LF payload and cryostat design

Tuesday, October 18, 2022 3:30 PM (1 hour)

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 13

Type: **not specified**

Requirements of pipe arms

Tuesday, October 18, 2022 3:30 PM (1 hour)

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: 14

Type: **not specified**

Materials for ET-LF core optics and suspensions

Thursday, October 20, 2022 5:00 PM (2 hours)

Presenters: GRAEME, Eddolls (University of Glasgow); AMATO, alex

Session Classification: Parallel sessions

Contribution ID: 16

Type: **not specified**

Recycling cavities design

Tuesday, October 18, 2022 5:00 PM (2 hours)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: 17

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Tuesday, October 18, 2022 5:00 PM (2 hours)

Presenters: SIDER, Ameer (PML - Precision Mechatronics Laboratory, Université de Liège, B-4000 Liège, Belgium); HARMS, Jan; MAGGIORE, Riccardo; ANDRIC, Tomislav

Session Classification: Parallel sessions

Contribution ID: **18**

Type: **not specified**

ET-LF payload and cryostat design

Tuesday, October 18, 2022 5:00 PM (2 hours)

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 19

Type: **not specified**

Requirements of pipe arms

Tuesday, October 18, 2022 5:00 PM (2 hours)

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: **20**

Type: **not specified**

Materials for ET-LF core optics and suspensions

Presenters: TOURNEFIER, Edwige; REID, Stuart (SUPA, University of Strathclyde)

Session Classification: Parallel sessions

Contribution ID: 22

Type: **not specified**

Recycling cavities design

Wednesday, October 19, 2022 9:00 AM (1h 30m)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: 23

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Wednesday, October 19, 2022 9:00 AM (1h 30m)

Presenters: FIDECARO, Francesco (University of Pisa and INFN); HARMS, Jan

Session Classification: Parallel sessions

Contribution ID: 24

Type: **not specified**

ET-LF payload and cryostat design

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 25

Type: **not specified**

Requirements of pipe arms

Wednesday, October 19, 2022 9:00 AM (1h 30m)

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: 26

Type: **not specified**

Materials for ET-LF core optics and suspensions

Wednesday, October 19, 2022 9:00 AM (1h 30m)

Presenters: GRAEME, Eddolls (University of Glasgow); AMATO, alex

Session Classification: Parallel sessions

Contribution ID: 28

Type: **not specified**

Recycling cavities design

Wednesday, October 19, 2022 11:00 AM (1h 30m)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: 29

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Wednesday, October 19, 2022 11:00 AM (1h 30m)

Presenters: FIDECARO, Francesco (University of Pisa and INFN); HARMS, Jan

Session Classification: Parallel sessions

Contribution ID: **30**

Type: **not specified**

ET-LF payload and cryostat design

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 31

Type: **not specified**

Requirements of pipe arms

Wednesday, October 19, 2022 11:00 AM (1h 30m)

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: 32

Type: **not specified**

Materials for ET-LF core optics and suspensions

Wednesday, October 19, 2022 11:00 AM (1h 30m)

Presenters: GRAEME, Eddolls (University of Glasgow); AMATO, alex

Session Classification: Parallel sessions

Contribution ID: 34

Type: **not specified**

Impact of the detector on infrastructure's requirements

Wednesday, October 19, 2022 3:30 PM (50 minutes)

Presenter: PUNTURO, Michele (INFN)

Session Classification: Plenary session

Contribution ID: 35

Type: **not specified**

Laser noise requirements

Wednesday, October 19, 2022 4:50 PM (50 minutes)

Presenter: ZHANG, Teng

Session Classification: Plenary session

Contribution ID: 36

Type: **not specified**

Updates from parallel sessions

Wednesday, October 19, 2022 5:40 PM (1h 20m)

Session Classification: Plenary session

Contribution ID: 37

Type: **not specified**

Recycling cavities design

Thursday, October 20, 2022 9:00 AM (1h 30m)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: **38**

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Thursday, October 20, 2022 9:00 AM (1h 30m)

Presenters: FIDECARO, Francesco (University of Pisa and INFN); HARMS, Jan

Session Classification: Parallel sessions

Contribution ID: 39

Type: **not specified**

ET-LF payload and cryostat design

Thursday, October 20, 2022 9:00 AM (1h 30m)

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 40

Type: **not specified**

Requirements of pipe arms

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: 41

Type: **not specified**

Materials for ET-LF core optics and suspensions

Thursday, October 20, 2022 3:30 PM (1 hour)

Presenters: GRAEME, Eddolls (University of Glasgow); AMATO, alex

Session Classification: Parallel sessions

Contribution ID: 43

Type: **not specified**

Recycling cavities design

Thursday, October 20, 2022 11:00 AM (1h 30m)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: 44

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Thursday, October 20, 2022 11:00 AM (1h 30m)

Presenters: FIDECARO, Francesco (University of Pisa and INFN); HARMS, Jan

Session Classification: Parallel sessions

Contribution ID: 45

Type: **not specified**

ET-LF payload and cryostat design

Thursday, October 20, 2022 11:00 AM (1h 30m)

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 46

Type: **not specified**

Requirements of pipe arms

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: 47

Type: **not specified**

Materials for ET-LF core optics and suspensions

Presenters: TOURNEFIER, Edwige; REID, Stuart (SUPA, University of Strathclyde)

Session Classification: Parallel sessions

Contribution ID: 49

Type: **not specified**

Recycling cavities design

Thursday, October 20, 2022 3:30 PM (1 hour)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: 50

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Thursday, October 20, 2022 3:30 PM (1 hour)

Presenters: FIDECARO, Francesco (University of Pisa and INFN); HARMS, Jan

Session Classification: Parallel sessions

Contribution ID: 51

Type: **not specified**

ET-LF payload and cryostat design

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 52

Type: **not specified**

Requirements of pipe arms

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: 53

Type: **not specified**

Materials for ET-LF core optics and suspensions

Presenters: TOURNEFIER, Edwige; REID, Stuart (SUPA, University of Strathclyde)

Session Classification: Parallel sessions

Contribution ID: 56

Type: **not specified**

Recycling cavities design

Thursday, October 20, 2022 5:00 PM (2 hours)

Presenters: DEGALLAIX, Jerome (Laboratoire des Matériaux Avancés); HILD, Stefan

Session Classification: Parallel sessions

Contribution ID: 57

Type: **not specified**

Simulation of ET-LF lower stage and angular controls

Thursday, October 20, 2022 5:00 PM (2 hours)

Presenters: FIDECARO, Francesco (University of Pisa and INFN); HARMS, Jan

Session Classification: Parallel sessions

Contribution ID: 58

Type: **not specified**

ET-LF payload and cryostat design

Presenters: RICCI, Fulvio (University of Rome Sapienza); GROHMANN, Steffen (KIT)

Session Classification: Parallel sessions

Contribution ID: 59

Type: **not specified**

Requirements of pipe arms

Presenters: GRADO, Aniello; VAN REMORTEL, Nick (University of Antwerpen)

Session Classification: Parallel sessions

Contribution ID: **60**

Type: **not specified**

Materials for ET-LF core optics and suspensions

Presenters: TOURNEFIER, Edwige; REID, Stuart (SUPA, University of Strathclyde)

Session Classification: Parallel sessions

Contribution ID: **62**

Type: **not specified**

Summary from parallel sessions

Friday, October 21, 2022 9:00 AM (1h 30m)

Session Classification: Plenary session

Contribution ID: **63**

Type: **not specified**

Summary from parallel sessions

Friday, October 21, 2022 11:00 AM (1h 30m)

Session Classification: Plenary session

Contribution ID: **64**

Type: **not specified**

Contribution of ISB to site characterization

Tuesday, October 18, 2022 5:00 PM (2 hours)

Presenters: D'URSO, Domenico; LINDE, Frank

Session Classification: Parallel sessions

Contribution ID: 65

Type: **not specified**

Contribution of ISB to site characterization

Tuesday, October 18, 2022 3:30 PM (1 hour)

Presenters: D'URSO, Domenico; LINDE, Frank

Session Classification: Parallel sessions

Contribution ID: **66**

Type: **not specified**

Update of the sensitivity curve

Thursday, October 20, 2022 9:00 AM (1h 30m)

Presenters: DANILISHIN, Stefan; HILD, Stefan; ZHANG, Teng

Session Classification: Parallel sessions

Contribution ID: 67

Type: **not specified**

Update of the sensitivity curve

Thursday, October 20, 2022 11:00 AM (1h 30m)

Presenters: DANILISHIN, Stefan; HILD, Stefan; ZHANG, Teng

Session Classification: Parallel sessions

Contribution ID: **68**

Type: **not specified**

Importance of cleanliness for ET

Monday, October 17, 2022 6:40 PM (20 minutes)

Presenter: CONTI, Livia (INFN)

Session Classification: Plenary session