

III Workshop on ET-LF TM Tower Integration

Report of Contributions

Contribution ID: 1

Type: **not specified**

ET-LF suspension

Monday 29 September 2025 12:00 (1 hour)

Co-author: FRASCONI, Franco (INFN Pisa)

Presenters: SPADA, Francesca; FRASCONI, Franco (INFN Pisa)

Session Classification: Suspensions: structure and performance for the single and double cavern concept

Contribution ID: 2

Type: **not specified**

Transfer functions and control strategy

Monday 29 September 2025 09:30 (1h 30m)

Presenter: PINTO, Manuel

Session Classification: Suspensions

Contribution ID: 3

Type: **not specified**

Mechanical design of ET-Payload with crystal suspension

Monday 29 September 2025 15:55 (20 minutes)

Author: BENEDETTI, Eugenio (INFN Rome)

Presenter: BENEDETTI, Eugenio (INFN Rome)

Session Classification: Suspended cryogenic mirror

Contribution ID: 4

Type: **not specified**

Thermo-mechanical simulation of the ET-LF Payload

Monday 29 September 2025 16:15 (30 minutes)

Presenter: RICCI, Marco (Sapienza University of Rome)

Session Classification: Suspended cryogenic mirror

Contribution ID: 5

Type: **not specified**

General mechanical structure

Monday 29 September 2025 17:30 (30 minutes)

Presenter: VAN LONG HOANG, Francesco (Sapienza University Of Rome)

Session Classification: Cryostat

Contribution ID: 6

Type: **not specified**

Safety Issues

Monday 29 September 2025 18:00 (30 minutes)

Presenter: ROSIER, philippe (CNRS-IJCLAB-France)

Session Classification: Cryostat

Contribution ID: 7

Type: **not specified**

Integrated ET-LF Tower: Requirement flow & interfaces. A Compact Integrated ET-LF Tower Concept

Tuesday 30 September 2025 09:30 (20 minutes)

Presenter: CORNELISSEN, Robin

Session Classification: Cryogenic Developments for ET

Contribution ID: 8

Type: **not specified**

Dust control in ET

Tuesday 30 September 2025 10:10 (15 minutes)

Presenter: SENTENAC, Daniel

Session Classification: Cryogenic Developments for ET

Contribution ID: 9

Type: **not specified**

Sorption Cooler developed at university of Twente

Tuesday 30 September 2025 09:50 (20 minutes)

Presenter: VAN LIMBEEK, Michiel

Session Classification: Cryogenic Developments for ET

Contribution ID: **10**

Type: **not specified**

Intro to the payload for ET-LF

Monday 29 September 2025 15:45 (10 minutes)

Presenter: PUPPO, Paola

Session Classification: Suspended cryogenic mirror