

# Session Program

21-23 Jan 2026

**TWOCRIST & ALADDIN**  
Workshop

21-23 January 2026  
Valletta, Malta



L-Università  
ta' Malta



TWOCRIST



## **TWOCRIST and ALADDIN Workshop**

### ***Technical Proposal discussion***

University of Malta Valletta Campus

# Wednesday 21 January

09:00

## Technical Proposal discussion

Session | Location: University of Malta Valetta Campus

09:00-09:20

### Welcome

**Speakers**

Gianluca Valentino, Gianluca Valentino

09:20-09:40

### ALADDIN overview: status and plans

**Speaker**

Nicola Neri

09:40-10:00

### Physics program

**Speaker**

Fernando Martinez Vidal

10:00-10:20

### Detector layout and geometry

**Speaker**

Paolo Gandini

10:20-10:30

### Discussion

10:30

11:00

## Technical Proposal discussion

Session | Location: University of Malta Valetta Campus

11:00-11:20

### Simulation framework

**Speaker**

Tianyu Xing

11:20-11:40

### Detector layout and simulations

**Speaker**

Jascha Peter Grabowski

11:40-12:00

### Channeling simulations

**Speaker**

Sergio Jaimes

12:00-12:10

### Discussion

12:10

13:40

## Technical Proposal discussion

Session | Location: University of Malta Valetta Campus

13:40-14:00

### Pixel tracker

**Speakers**

Nicola Turini, Sara Cesare

	<p><b>14:00-14:20 RICH detector</b></p> <p><b>Speakers</b> Antonino Sergi, Francesca Bucci</p>
	<p><b>14:20-14:40 Roman Pot and modified beampipe</b></p> <p><b>Speaker</b> Nicola Turini</p>
14:50	<p><b>14:40-14:50 Discussion</b></p>
15:20	<p><b>Technical Proposal discussion</b> <b>Session   Location:</b> University of Malta Valletta Campus</p>
	<p><b>15:20-15:40 Electronics, power supplies and cabling</b></p> <p><b>Speaker</b> Jose Mazorra De Cos</p>
16:20	<p><b>15:40-16:00 Proposal for a muon detector</b></p> <p><b>Speaker</b> Jinlin Fu</p>

## Friday 23 January

09:00

### Technical Proposal discussion

**Session** | **Location:** University of Malta Valetta Campus

09:00–09:20 **Status of the ALADDIN Collaboration**

**Speaker**

Roberta Cardinale

09:20–09:35

**Technical proposal introduction and overview: from TWOCRIST to ALADDIN**

**Speaker**

Elisabetta Spadaro Norella

09:35–10:00 **Trigger and DAQ**

**Speakers**

Federico Alessio, Marco Stanislao Sozzi

10:00–10:15 **Real time analysis**

**Speaker**

Volodymyr Svintozelskyi

10:15–10:30 **Discussion**

10:30

11:00

### Technical Proposal discussion

**Session** | **Location:** University of Malta Valetta Campus

11:00–11:15 **Physics program update**

**Speaker**

Fernando Martinez Vidal

11:15–11:25

**Detector overview: timeline, installation, schedule, costs, money matrix**

**Speaker**

Nicola Neri

11:25–11:40

**Machine Overview: Crystals, Goniometers, Beam dynamics, Collimators, Integration with LHC, Machine-detector interface, Costs**

**Speakers**

Pascal Hermes, Stefano Redaelli

11:40–11:55 **Pixel tracker**

**Speakers**

Nicola Turini, Sara Cesare

11:55–12:10 **RICH**

**Speakers**

Prof. Andrea Bizzeti, Antonino Sergi, Francesca Bucci

12:10-12:30

**Discussion**

12:30-12:45

**Closeout**

**Speaker**

Nicola Neri

13:25