

**Coimbra AHEAD2020**  
**Progress Meeting on Space**  
**Experiments for HE**  
**Astrophysics &**  
**Multi-messenger Astronomy**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Welcome / Information (Rui Curado Siva, LIP Coimbra)**

*Thursday, 1 October 2020 13:00 (10 minutes)*

**Session Classification:** Welcome and AHEAD2020 Status (14:00 CEST; 08:00 EDT)

Contribution ID: 2

Type: **not specified**

## **Status of AHEAD2020 (Lorenzo Natalucci, IAPS/INAF)**

*Thursday, 1 October 2020 13:10 (20 minutes)*

**Session Classification:** Welcome and AHEAD2020 Status (14:00 CEST; 08:00 EDT)

Contribution ID: 3

Type: **not specified**

## **THESEUS (Lorenzo Amati, OAS/INAF Bologna)**

*Thursday, 1 October 2020 13:30 (20 minutes)*

**Session Classification:** I- Space Projects - Chairperson: Rui Curado

Contribution ID: 6

Type: **not specified**

## **HERMES (Fabrizio Fiore, IAPS/INAF)**

*Thursday, 1 October 2020 13:50 (20 minutes)*

**Session Classification:** I- Space Projects - Chairperson: Rui Curado

Contribution ID: 7

Type: **not specified**

## **CAMELOT (Norbert Werner, Masaryk University)**

*Thursday, 1 October 2020 14:10 (20 minutes)*

**Session Classification:** I- Space Projects - Chairperson: Rui Curado

Contribution ID: 8

Type: **not specified**

## **BurstCube (Jeremy Perkins, GSFC, NASA)**

*Thursday, 1 October 2020 14:30 (20 minutes)*

**Session Classification:** I- Space Projects - Chairperson: Rui Curado

Contribution ID: **10**

Type: **not specified**

## **EIRSAT-1 (Maeve Doyle, UCD)**

*Thursday, 1 October 2020 15:10 (20 minutes)*

**Session Classification:** I- Space Projects - Chairperson: Rui Curado



Contribution ID: 11

Type: **not specified**

## **ASTENA (Ezio Caroli, INAF/OAS di Bologna)**

*Thursday, 1 October 2020 15:30 (20 minutes)*

**Session Classification:** I- Space Projects - Chairperson: Rui Curado

Contribution ID: 12

Type: **not specified**

**e-ASTROGAM / AMEGO (Vincent Tatischeff,  
Université Paris-Saclay - CNRS/IN2P3)**

*Thursday, 1 October 2020 15:50 (20 minutes)*

**Session Classification:** I- Space Projects - Chairperson: Rui Curado

Contribution ID: 13

Type: **not specified**

## **HEMERA H2020 (Giulia Mantovani, INAF)**

*Friday, 2 October 2020 08:00 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson:  
Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 14

Type: **not specified**

## **Balloon-borne experiments (Peter von Ballmoos, IRAP)**

*Friday, 2 October 2020 08:20 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson: Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 15

Type: **not specified**

## **Development of Compton polarimeters (Philippe Laurent, CEA)**

*Friday, 2 October 2020 08:40 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson: Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 16

Type: **not specified**

## **Detector development for HERMES and THESEUS (Claudio Labanti, INAF)**

*Friday, 2 October 2020 09:00 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson:  
Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 17

Type: **not specified**

## **BGO detector for short GRBs (Pietro Ubertini, IASP/INAF)**

*Friday, 2 October 2020 09:20 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson:  
Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: **18**

Type: **not specified**

## **EIRSAT-1 gamma-ray detector development (David Murphy, UCD)**

*Friday, 2 October 2020 09:40 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson: Vincent Tatischeff (09:00 CEST; 03:00 EDT)



Contribution ID: 19

Type: **not specified**

## **Radiation damage study of silicon photomultipliers and GIFTS design (Alexei Ulyanov, UCD)**

*Friday, 2 October 2020 10:20 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson:  
Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 20

Type: **not specified**

## **Si DSSDs for a Compton telescope (Nicolas de Séréville, IPNO)**

*Friday, 2 October 2020 10:40 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson: Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 21

Type: **not specified**

## **AMEGO-X polarimetric prospects (Miguel Moita, LIP and Univ. Ferrara)**

*Friday, 2 October 2020 11:00 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson: Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 22

Type: **not specified**

## **Research Facilities and work plan in Roma Tor Vergata (Aldo Morselli and Vincenzo Vitale, INFN)**

*Friday, 2 October 2020 11:20 (20 minutes)*

**Session Classification:** II - Research Facilities & Technical Developments - Chairperson: Vincent Tatischeff (09:00 CEST; 03:00 EDT)

Contribution ID: 23

Type: **not specified**

## **COMCUBE Part 1 (Adrien Laviron, Université Paris-Saclay - CNRS/IN2P3)**

*Friday, 2 October 2020 13:00 (30 minutes)*

**Session Classification:** III - COMCUBE Design - Chairperson: Lorraine Hanlon (14:00 CEST; 08:00 EDT)

Contribution ID: 24

Type: **not specified**

## **COMCUBE Part 2 (Jan Lommler, Universitat Mainz)**

*Friday, 2 October 2020 13:30 (30 minutes)*

**Session Classification:** III - COMCUBE Design - Chairperson: Lorraine Hanlon (14:00 CEST; 08:00 EDT)

Contribution ID: 25

Type: **not specified**

## **COMCUBE Part 3 (Rui Curado Silva and Henrique Neves, LIP-Coimbra)**

*Friday, 2 October 2020 14:00 (30 minutes)*

**Session Classification:** III - COMCUBE Design - Chairperson: Lorraine Hanlon (14:00 CEST; 08:00 EDT)

Contribution ID: 26

Type: **not specified**

## Discussion

*Friday, 2 October 2020 14:45 (45 minutes)*

**Session Classification:** III - COMCUBE Design - Chairperson: Lorraine Hanlon (14:00 CEST; 08:00 EDT)



Contribution ID: 27

Type: **not specified**

## **COMCUBE Part 4 (Alexei Uliyanov, UCD)**

*Friday, 2 October 2020 14:30 (15 minutes)*

**Session Classification:** III - COMCUBE Design - Chairperson: Lorraine Hanlon (14:00 CEST; 08:00 EDT)