

Silicon PhotoMultipliers Technologies and Space Experiments

Report of Contributions

Contribution ID: 3

Type: **not specified**

HERD: CR science case and use of SiPM

Presenter: I., De Mitri

Contribution ID: 4

Type: **not specified**

The collaboration INFN-FBK

Presenter: G., Ambrosi

Contribution ID: 5

Type: **not specified**

Coffe break

Contribution ID: 6

Type: **not specified**

The NUSES project

Co-author: ALOISIO, Roberto

Contribution ID: 7

Type: **not specified**

INFN-FBK SiPM: the case of CTA

Primary author: F., Giordano

Contribution ID: 8

Type: **not specified**

INFN-FBK SiPM: the case of CTA

Presenter: F., Giordano

Contribution ID: 9

Type: **not specified**

INFN-FBK SiPM: the case of DarkSide

Presenter: E., Scapparone

Contribution ID: **10**

Type: **not specified**

NOA: a facility for Si-based technology at LNGS

Presenter: A., Ianni

Contribution ID: **11**

Type: **not specified**

The NUSES project

Presenter: R., Aloisio

Contribution ID: 12

Type: **not specified**

Lunch

Contribution ID: 13

Type: **not specified**

Discussion on common issues/ideas/projects

Presenter: EVERYBODY

Contribution ID: **14**

Type: **not specified**

Coffee Break

Contribution ID: 15

Type: **not specified**

End of the general part

Contribution ID: 16

Type: **not specified**

EUSO-SPB2 Design & Schedule

Tuesday, 8 May 2018 18:15 (30 minutes)

Presenter: Prof. WIENCKE, Lawrence (Colorado School of Mines)

Session Classification: Cerenkov light detection from space - Session 1

Contribution ID: 17

Type: **not specified**

EUSO-SPB2 Optics

Tuesday, 8 May 2018 18:45 (20 minutes)

Presenter: REARDON, P. (University of Alabama in Huntsville)

Session Classification: Cerenkov light detection from space - Session 1

Contribution ID: **18**

Type: **not specified**

Cherenkov Signal of UHE Neutrinos

Tuesday, 8 May 2018 17:00 (30 minutes)

Presenter: Dr KRIZMANIC, John (CRESST/NASA/GSFC/UMBC)

Session Classification: Cerenkov light detection from space - Session 1

Contribution ID: 19

Type: **not specified**

Torino ASIC Design and Implementation

Tuesday, 8 May 2018 17:45 (30 minutes)

Presenter: RIVETTI, Angelo (TO)

Session Classification: Cerenkov light detection from space - Session 1

Contribution ID: 20

Type: **not specified**

Torino ASIC implementation plan

Presenter: DA ROCHA ROLO, Manuel Dionisio (TO)

Contribution ID: **21**

Type: **not specified**

adjourn

Contribution ID: 22

Type: **not specified**

Social dinner

Contribution ID: 23

Type: **not specified**

Terzina Design and common elements

Wednesday, 9 May 2018 09:30 (30 minutes)

Presenter: CASOLINO, Marco (ROMA2)

Session Classification: Cerenkov light detection from space - Session 2

Contribution ID: 24

Type: **not specified**

SPB1 trigger & Simulations Cherenkov signal

Wednesday, 9 May 2018 10:00 (30 minutes)

Presenter: Dr BERTAINA, Mario Edoardo (TO)

Session Classification: Cerenkov light detection from space - Session 2

Contribution ID: 25

Type: **not specified**

UGeneve Cherenkov System

Wednesday, 9 May 2018 10:30 (30 minutes)

Presenter: NERONOV, Andrii (University of Geneva)

Session Classification: Cerenkov light detection from space - Session 2

Contribution ID: 26

Type: **not specified**

UGeneve SiPM experience

Presenter: D., Della Volpe

Contribution ID: 27

Type: **not specified**

Coffee break

Contribution ID: 28

Type: **not specified**

EUSO-SPB2 Focal Surface Requirements

Wednesday, 9 May 2018 11:30 (30 minutes)

Presenter: CHRISTL, Mark (Marshall Space Flight Center)

Session Classification: Cerenkov light detection from space - Session 2

Contribution ID: 29

Type: **not specified**

AGET System Design

Wednesday, 9 May 2018 14:30 (30 minutes)

Presenter: OTTE, Nepomuk (Georgia Institute of Technology)

Session Classification: Cerenkov light detection from space - Session 3

Contribution ID: **30**

Type: **not specified**

AGET implementation

Wednesday, 9 May 2018 15:00 (30 minutes)

Presenter: Mr KUZNETSOV, Evgeny (UAH)

Session Classification: Cerenkov light detection from space - Session 3

Contribution ID: **31**

Type: **not specified**

Lunch

Contribution ID: **32**

Type: **not specified**

Coffee break

Contribution ID: 33

Type: **not specified**

GET Trigger Architecture

Wednesday, 9 May 2018 15:30 (30 minutes)

Presenter: JUDD, Eleanor (University of California, Berkeley)

Session Classification: Cerenkov light detection from space - Session 3

Contribution ID: 34

Type: **not specified**

Background and Trigger

Wednesday, 9 May 2018 16:00 (30 minutes)

Presenter: ADAMS, James (University of Alabama in Huntsville)

Session Classification: Cerenkov light detection from space - Session 3

Contribution ID: 35

Type: **not specified**

EUSO-SPB2 Cherenkov Aperture

Wednesday, 9 May 2018 12:00 (30 minutes)

Presenter: Prof. SARAZIN, Fred (Colorado School of Mines)

Session Classification: Cherenkov light detection from space - Session 2

Contribution ID: 36

Type: **not specified**

Discussion on designs to fly in 3-4years

Wednesday, 9 May 2018 17:00 (30 minutes)

Session Classification: Cerenkov light detection from space - Session 3

Contribution ID: 37

Type: **not specified**

adjourn

Contribution ID: **38**

Type: **not specified**

Welcome and Introduction

Contribution ID: **39**

Type: **not specified**

Registration

Contribution ID: 40

Type: **not specified**

Welcome and Introduction

Contribution ID: 41

Type: **not specified**

POEMMA and EUSO: Neutrinos w SiPM in space

Tuesday, 8 May 2018 09:30 (25 minutes)

Presenter: Prof. OLINTO, Angela (The University of Chicago)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 42

Type: **not specified**

HERD: CR science case and use of SiPM

Tuesday, 8 May 2018 09:55 (25 minutes)

Presenter: DE MITRI, Ivan (GSSI & INFN)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 43

Type: **not specified**

The collaboration INFN-FBK

Tuesday, 8 May 2018 10:20 (25 minutes)

Presenter: AMBROSI, Giovanni (PG)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 44

Type: **not specified**

INFN-FBK SiPM: the case of CTA

Tuesday, 8 May 2018 11:50 (25 minutes)

Presenter: GIORDANO, Francesco (BA)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 45

Type: **not specified**

The Darkside SiPMs: from the R&D to the massive production

Tuesday, 8 May 2018 12:15 (25 minutes)

Presenter: SCAPPARONE, Eugenio (BO)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 46

Type: **not specified**

NOA: a multi-task facility at LNGS

Tuesday, 8 May 2018 12:40 (25 minutes)

Presenter: IANNI, Aldo (LNGS)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 47

Type: **not specified**

The NUSES project

Tuesday, 8 May 2018 15:00 (15 minutes)

Presenter: ALOISIO, Roberto (INFN)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 48

Type: **not specified**

Discussion on common issues/ideas/projects

Tuesday, 8 May 2018 16:05 (20 minutes)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 49

Type: **not specified**

End of the general part & start of the EUSO-POEMMA workshop

Contribution ID: 50

Type: **not specified**

SiPM technologies developed at FBK

Tuesday, 8 May 2018 11:15 (35 minutes)

Presenter: Dr GOLLA, Alberto Giacomo (TIFP)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 51

Type: **not specified**

The SENSE project

Tuesday, 8 May 2018 15:15 (15 minutes)

Presenter: Mr RENSCHLER, Max (KIT)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 52

Type: **not specified**

The SiECA project

Tuesday, 8 May 2018 15:30 (15 minutes)

Presenter: Mr PAINTER, William (KIT)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 53

Type: **not specified**

AGET System Design

Presenter: OTTE, Nepomuk (Georgia Institute of Technology)

Contribution ID: 54

Type: **not specified**

SMART: a SiPM Multichannel Asic for high Resolution Cherenkov Telescopes

Tuesday, 8 May 2018 15:45 (20 minutes)

Presenter: LICCIULLI, Francesco (B)

Session Classification: Open workshop on SiPM R&D

Contribution ID: 55

Type: **not specified**

Tau (neutrino) simulations for a high-altitude detector with SiPMs

Tuesday, 8 May 2018 17:30 (15 minutes)

Presenter: Ms BISCONTI, Francesca (INFN Torino)

Session Classification: Cerenkov light detection from space - Session 1