

19TH JEM-EUSO International Meeting

June 20-24, 2016

Paris

APC, University Paris Diderot, France

Monday, June 20

09:00-09:10 Welcome Addressing

Plenary Session 1: *Mission Status and Programmatic aspects*

09:10-09:40	Mission Status Overview	P. Picozza
09:40-10:00	The International Collaboration	A. Santangelo
10:00-10:30	Report from Russia	P. Klimov
10:30-10:45	Report from Japan	T. Ebisuzaki
10:45-11:00	Report from USA	A. Olinto

11:00-11:20 *Coffee Break*

Plenary Session 1: *Mission Status and Programmatic aspects*

11:20-12:00	Report from other Countries	
12:00-12:30	The TA hot spot and related anisotropy issues	A. Kusenko
12:30-13:00	Laser operation for space debris remediation	G. Mourou

13:00-14:30 *Lunch*

Plenary Session 2: *EUSO-SPB (from 14:30 to 16:00)*

Coordinator: L. Wiencke

14:30-14:45	SPB Introductory Remarks (10+5)	A. Olinto
14:45-15:00	EUSO-SPB Status and Schedule (10+5)	L. Wiencke
15:00-15:15	Lens Manufacturing (10+5)	Y. Takizawa
15:15-15:30	Lens Testing (10+5)	L. Wiencke
15:30-15:50	Overview of the PDM detector (15+5)	G. Prévôt
15:50-16:00	HV and HV control boards (5+5)	J. Szabelski

16:00-16:20 *Coffee Break*

Plenary Session 2: EUSO-SPB (from 16:20 to 18:00)

Coordinator: L. Wiencke

16:20-16:35	ASIC boards (10+5)	P. Barillon
16:35-16:50	PDM + CCB Board (10+5)	J. Bayer
16:50-17:05	PDM integration (10+5)	P. Barrillon/G. Prévôt
17:05-17:20	PDM tests completed and planned (10+5)	L. Piotrowski
17:20-17:30	Mechanics (5+5)	M. Ricci
17:30-17:45	DP, CPU and related issues (10+5)	G. Osteria
17:45-18:00	HK Old and New System (10+5)	G. Medina Tanco

Splinter Session (from 18:00 to 18:40) Coordinator: M. Bertaina

LIDAR laser configuration and trigger technique E. Bozzo

19:00 Welcome drink

Tuesday, June 21

Plenary Session 2: EUSO-SPB (from 09:00 to 11:00)

Coordinator: L. Wiencke

09:00-09:25	Trigger Progress and Event Reconstruction (20+5)	M. Bertaina
09:25-09:45	Mission Software Progress: DP (15+5)	C. Fornaro
09:45-10:10	Mission Software Progress: Overall, Ancillary Devices (15+10)	F. Cafagna
10:10-10:25	NIST Photodiodes (10+5)	J. Eser
10:25-10:35	Health LED (5+5)	TBD
10:35-11:00	SiPM (15+10)	W. Painter

11:00-11:20 *Coffee Break*

Plenary Session 2: EUSO-SPB (from 11:20 to 13:00)

Coordinator: L. Wiencke

11:20-11:35	CIRIC IR Camera (10+5)	S. Meyer/TBD
11:35-11:45	Compass (5+5)	L. Wiencke
11:45-12:00	Field Tests - Logistics (10+5)	A. Lee Cummings
12:00-12:15	Field Tests to be Performed (10+5)	J.Eser/L.Piotrowski
12:15-12:30	Underflight (10+5)	J. Eser/M. Christl
12:30-12:40	Radio Beacons for Under flight (5+5)	J. Adams
12:40-13:00	Ocean Study (15+5)	M. Bertaina

13:00-14:30 *Lunch*

Plenary Session 2: EUSO-SPB (from 14:30 to 16:10)

Coordinator: L. Wiencke

14:30-14:50	Gondola and Mass (15+5)	L. Wiencke/Yitz
14:50-15:05	Thermal Model Update (10+5)	G. Medina Tanco
15:05-15:20	Solar Power System (10+5)	J. Adams
15:20-15:35	Relay Board (10+5)	Jim K
15:35-15:50	LVPS (10+5)	G. Medina Tanco
15:50-16:10	Action Items/Discussion (20)	L.Wiencke/G. Prévôt

16:10-16:30 *Coffee Break*

Plenary Session 3: Mini-EUSO (from 16:30 to 18:30)

Coordinator: M. Casolino

16:30-17:10	Mini-EUSO/UV-atmosphere mission: Overview	M. Casolino/P. Klimov
17:10-17:40	DP-PDM	P. Klimov, A. Belov
17:40-18:00	HK	G. Medina Tanco
18:00-18:30	DP	G. Osteria

Wednesday, June 22

Plenary Session 3: Mini-EUSO (from 09:00 to 10:45)

Coordinator: M. Casolino

09:00-09:15 Mechanics
09:15-09:30 Mechanics on Russian side
09:30-09:40 Lens Manufacturing
09:40-10:00 Cameras Sipm
10:00-10:15 PWR supply
10:15-10:45 Schedule, logistics cost sharing

M. Ricci
P. Klimov
M.Casolino/Y. Takizawa
O. Catalano
TBD
M. Casolino

10:45-11:15 *Coffee Break*

Plenary Session 4: EUSO-TA (from 11:15 to 13:00)

Coordinator: M. Casolino

11:15-11:30 EUSO-TA next shifts and work
11:30-11:45 Cosmic rays
11:45-12:00 Previous analysis
12:00-12:15 EUSO-TA data analysis and simulations
12:15-12:30 Parasitic signal
12:30-12:45 Search for significant background variations
in the EUSO-TA October 2015 run
12:45-13:00 Meteor and nuclearites using EUSO-TA

M. Casolino
S. Heungsu
L. Piotrowski
F. Bisconti
F. Capel

A. Jung
F. Kajino

13:00-14:30 *Lunch*

Plenary Session 5: EUSO-Balloon (from 14:30 to 16:30)

Coordinator: M. Bertaina

14:30-14:50 Background analysis
14:50-15:10 Reconstruction of laser events
15:10-15:30 Optics results

15:30-15:50 Serendipitous events search
15:50-16:10 IR camera results
16:10-16:30 TBD

K. Shinozaki/S. Mackovjac
J. Eser
A. Diaz
on behalf of C. Catalano
A. Jung
L. Del Peral

16:30-17:00 *Coffee Break*

Splinter Sessions (from 17:00 to 18:30)

EUSO-SPB (Coordinator: M. Bertaina) TBC

Mini-EUSO (Coordinator: L. Wiencke) TBC

EC+PI'S Meeting (from 17:30 to 19:00)

Thursday, June 23

Plenary Session 6: New Missions (from 09:00 to 11:00)

09:00-09:30	Introduction to the M5 call (15' +15')	A. Santangelo
09:30-10:00	Science case for UHECR (20'+10')	E. Parizot
10:00 -10:30	Science case for UHE neutrinos and gammas (20'+10')	A. Neronov
10:30-10:45	New Physics with EUSO-FF (15')	TBD
10:45-11:00	Preliminary discussions on the requirements	

11:00-11:20 *Coffee Break*

Plenary Session 6: New Missions (from 11:20 to 13:00)

11:20-11:45	Continuing the discussion on the requirements	TBD
11:45-12:00	Atmospheric science	
12:00-12:30	Deployable Mirrors	P. Spillantini/ Mazzinghi
12:30-12:40	Refractive optics	TBD
12:40-13:00	Baseline detectors for EUSO-FF	A. Haungs

13:00-14:00 *Lunch*

Plenary Session 6: New Missions (from 14:00 to 16:30)

14:00-14:15	ASICs for EUSO-FF	C. de la Taille
14:15-14:35	AMS for EUSO-FF	M. D. Rodriguez Frias/A. Neronov
14:35-15:30	Simulations of EUSO-FF configurations, mission profiles	M. Bertaina/ K. Shinozaki/ A. Santangelo
15:30-16:30	Programmatic aspects of the Consortium	A. Santangelo and National Pis

16:30-16:50 *Coffee Break*

Plenary Session 7: Simulations (from 16:50 to 18:00)

Coordinator: M. Bertaina

16:50-17:20	Mini-EUSO Simulations	M. Bertaina
17:20-17:50	Laser Events for Mini-EUSO: Technical logistics and signal estimates	A. Lee Cummings

Social dinner

Friday, June 24

Plenary Session 7: Simulations (from 09:00 to 11:00)

Coordinator: M. Bertaina

09:00-09:30	EUSO-Balloon: Off-line simulations	T. Paul
09:30-10:00	EUSO-Balloon Estimated triggered events	S. Bacholle/S. Cambursano
10:00-10:30	Possible AMON ground measurements in Utah and Wanaka in parallel with EUSO-SPB	P. Bobik / M. Putis
10:30-11:00	Talks (TBD)	TBD

11:00-11:30 Coffee Break

Plenary Session 8 (from 11:30 to 13:00)

Coordinator: T. Ebisuzaki

11:30-11:50	Report Publication Office: status of publications and author list	A. Haungs
11:50-13:00	Report from EC+PI's meeting Miscellaneous Next Collaboration meeting Conclusions	T. Ebisuzaki

13:00 Lunch