WORKSHOP PROGRAM
On June 19-23, the Kavli Institute for Cosmological Physics (KICP) at the University of Chicago will be hosting the 21st JEM-EUSO International Meeting.

On June 23-24, the Kavli Institute for Cosmological Physics (KICP) at the University of Chicago will be hosting a POEMMA Meeting.

The meetings will be held at the William Eckhardt Research Center (ERC) at the University of Chicago in ERC 401 with coffee breaks in ERC 501:
5640 South Ellis Avenue,
Chicago, IL 60637

### International Organizing Committee

<table>
<thead>
<tr>
<th>Toshikazu Ebisuzaki</th>
<th>Piergiorgio Picozza</th>
<th>Andrea Santangelo</th>
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<tr>
<td>Riken, Japan</td>
<td>University of Rome Tor Vergata, Rome</td>
<td>IAAT Kepler Center, University of Tübingen</td>
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### Local Organizing Committee

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<tr>
<th>James Adams</th>
<th>Luis Anchordoqui</th>
<th>Mark Christl</th>
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<td>University of Alabama, Huntsville</td>
<td>Lehman College, City University of New York</td>
<td>NASA/MSFC</td>
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<th>Aimee Giles</th>
<th>Angela Olinto</th>
<th>Helen Pates</th>
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<tr>
<td>Kavli Institute for Cosmological Physics</td>
<td>University of Chicago</td>
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<th>Lawrence Wiencke</th>
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<td>Colorado School of Mines</td>
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Monday - June 19, 2017

9:00 AM - 9:15 AM  WELCOME

PLENARY SESSION 1: MISSION STATUS AND PROGRAMMATIC ASPECTS

9:15 AM - 10:00 AM  P. Picozza, "Mission Status Overview"

10:00 AM - 10:15 AM  A. Olinto, "News from USA"

10:15 AM - 10:30 AM  T. Ebisuzaki, "News from Japan"

10:30 AM - 10:50 AM  NEWS FROM OTHER COUNTRIES (PIS)

M. Ricci, JEM-EUSO Status & Activities in Italy

E. Parizot, Status in France

10:50 AM - 11:10 AM  COFFEE BREAK


11:50 AM - 12:20 PM  T. Ebisuzaki, "M82 starburst galaxy: The possible origin of the northern hot spot"

PLENARY SESSION 2: OVERVIEW OF THE PROJECTS IN PROGRESS

12:20 PM - 12:40 PM  M. Casolino, "Mini - EUSO"

12:40 PM - 1:00 PM  M. Casolino, "EUSO - TA"

1:00 PM - 2:20 PM  LUNCH

2:20 PM - 2:40 PM  M. Bertaina, "EUSO - Balloon"

2:40 PM - 3:10 PM  L. Wiencke, "EUSO - SPB"

3:10 PM - 4:00 PM  A. Olinto / L. Wiencke, "Overview of proposed balloon missions and hardware resources"

PLENARY SESSION 3: ICRC 2017 CONTRIBUTIONS

Coordinator: M. Ricci

4:00 PM - 5:00 PM  Status of reports ICRC2017

5:00 PM  EC + PI's Meeting
Tuesday - June 20, 2017

PLENARY SESSION 4: EUSO-SPB
Coordinator: L. Wiencke

9:00 AM - 9:15 AM  L. Wiencke, "EUSO - SPB Mission"
9:15 AM - 9:30 AM  S. Bacholle, "PDM performance and Data Collected"
9:30 AM - 9:45 AM  J. Eser / F. Cafagna, "Detector Operations during flight"
9:45 AM - 10:00 AM V. Scotti, "CPU, DP and GPS performance"
10:00 AM - 10:15 AM J. Adams, "Solar Power system performance"
10:15 AM - 10:25 AM L. Wiencke / R. Gregg, "Mechanical System performance"
10:25 AM - 10:40 AM UNAM, "Thermal Model & Measurements"
10:40 AM - 11:00 AM COFFEE BREAK
11:00 AM - 11:15 AM Turin / J. Bayer, "Trigger System performance"
11:15 AM - 11:30 AM E. Kuznetsov, "Studies with LEDs"
11:30 AM - 11:50 AM J. Eser, "Preflight Testing & Flat Fielding"
11:50 AM - 12:10 PM Turin, "Expected number of Events"
12:10 PM - 12:30 PM M. Bertania, "Searches for EAS candidates"
12:30 PM - 12:50 PM L. Piotrowski, "Searches for EAS candidates and comments on data"
12:50 PM - 1:00 PM DISCUSSION
1:00 PM - 2:15 PM LUNCH
2:15 PM - 2:30 PM Toulouse, "Searching for flashes from planes etc"
2:30 PM - 2:45 PM L. Allen / M. Rezazadeh, "UCIRC performance"
2:45 PM - 3:00 PM M. Mustafa / J. Adams, "Searching for precursor lightening flashes"
3:00 PM - 3:15 PM W. Painter, "Sieca Performance"
3:15 PM - 3:30 PM TBD, "UV Background studies"
3:30 PM - 3:45 PM DISCUSSION - NEXT STEPS
3:45 PM - 4:05 PM COFFEE BREAK
4:05 PM - 6:00 PM SPB 1.2 and SPB 2
Wednesday - June 21, 2017

PLENARY SESSION 5: NEWS FROM RUSSIA  
Coordinator: P. Picozza

9:00 AM - 9:30 AM  
M. Panasyuk / P. Klimov, "K-EUSO - current status"

9:30 AM - 10:00 AM  
M. Panasyuk / P. Klimov, "The first scientific results of orbital UV-telescope TUS onboard Lomonosov satellite (1 year of operation)"

PLENARY SESSION 6: MINI-EUSO  
Coordinator: M. Casolino

10:00 AM - 10:15 AM  
M. Casolino, "Introduction and Status"

10:15 AM - 10:30 AM  
P. Klimov, "Status in Russia"

10:30 AM - 10:45 AM  
M. Casolino, "Science objectives"

10:45 AM - 11:00 AM  
M. Ricci, "Mechanics"

11:00 AM - 11:20 AM  
COFFEE BREAK

11:20 AM - 11:35 AM  
G. Prevot, "Focal Surface up to EC ASIC"

11:35 AM - 11:50 AM  
A. Belov, "PDM - DP (Zynq)"

11:50 AM - 12:05 PM  
F. Capel, "Data Acquisition SW"

12:05 PM - 12:20 PM  
S. Turizziani, "Cameras"

12:20 PM - 12:35 PM  
J. Szabelski, "HVPS & Switch"

12:35 PM - 12:50 PM  
F. Capel / M. Bertaina, "Triggers"

12:50 PM - 2:30 PM  
EC and PI meeting

2:30 PM - 2:45 PM  
L. Piotrowski, "Quicklook and data analisys"

2:45 PM - 3:00 PM  
"Ancillary sensors SiPM, UV sensor, Geiger"

3:00 PM - 3:15 PM  
M. Casolino / P. Klimov, "Integration Schedule"

3:15 PM - 3:30 PM  
DOCUMENTATION

3:30 PM - 4:00 PM  
DISCUSSION

SOCIAL DINNER

4:00 PM - 5:30 PM  
EC and PI meeting
Thursday - June 22, 2017

PLENARY SESSION 7: EUSO-BALLOON
Coordinator: P. Von Ballmoos

9:00 AM - 9:15 AM  
K. Shinozaki / S. Mackovjac, "Status of the paper on background analysis"

9:15 AM - 9:30 AM  
J. Eser (TBC), "Publication on the reconstruction of laser events"

9:30 AM - 9:45 AM  
E. Parizot, "Publication of the serendipitous events search"

9:45 AM - 10:00 AM  
L. Del Peral (TBC), "Possible publication on IR camera results"

10:00 AM - 10:30 AM  
P. von Ballmoos et al., "Overview paper and discussion of papers on technical aspects (PDM, optics)"

10:30 AM - 11:00 AM  
COFFEE BREAK

PLENARY SESSION 8: EUSO-TA
Coordinator: M. Casolino

11:00 AM - 11:05 AM  
Y. Takizawa, "Mini-EUSO optics"

11:05 AM - 11:20 AM  
L. Piotrowski, "Science"

11:20 AM - 11:35 AM  
F. Bisconti, "Analysis of detected events and background"

11:35 AM - 11:50 AM  
F. Capel, "Parasitic signal analysis"

11:50 AM - 12:05 PM  
Z. Plebaniak, "PSF of EUSO-TA"

12:05 PM - 12:20 PM  
L. Wiencke, "Laser"

12:20 PM - 12:35 PM  
L. Piotrowski, "Automatization / additional hardware"

12:35 PM - 12:50 PM  
F. Kajino, "Meteor observations with CMOS camera"

12:50 PM - 1:00 PM  
DISCUSSION

1:00 PM - 2:30 PM  
LUNCH

PLENARY SESSION 9: SIMULATIONS
Coordinator: M. Bertaina

2:30 PM - 2:50 PM  
S. Mackovjak, "UV background studies and measurements update"

2:50 PM - 3:10 PM  
T. Paul / J. Eser, "An update of the OffLine software"

3:30 PM - 3:50 PM  
A. Anzalone, "An update on stereo reconstruction of clouds"

3:50 PM - 4:10 PM  
M. Bertaina, "Simulations for EUSO-SPB and Mini-EUSO"

PLENARY SESSION 10
Coordinator: A. Olinto

5:30 PM  
P. Picozza, "First Conclusions, Next Collaboration meeting"
Friday - June 23, 2017

PLENARY SESSION 11: POEMMA
Coordinator: A. Olinto

9:00 AM  Angela Olinto, "Overview of POEMMA Science Goals"
9:20 AM  Fred Sarazin, "POEMMA mission - formation flight"
9:40 AM  DISCUSSION

ORGANIZER: JOHN KRIZMANIC

9:50 AM  John Krizmanic, "Overview of Simulations Tasks"
10:10 AM JFK + Kenji / Francesco, "UHECRs Fluorescence Simulations"
10:30 AM  COFFEE BREAK
11:00 AM  Andrii Neronov, "UHECR Cherenkov Simulations"
11:20 AM  Nepomuk Otte, "Upcoming Tau Simulations"
11:40 AM  JFK, "Simulations TO DO List"
12:00 PM  LUNCH

ORGANIZER: ROY YOUNG

1:30 PM  Optical Design for POEMMA
2:00 PM  Optical Deployment Challenges
2:20 PM  DISCUSSION
2:40 PM  Optical Design To Do List
3:00 PM  COFFEE BREAK

ORGANIZER: DOUG BERGMAN

3:30 PM  Doug Bergman, "Focal Surface Overview"
4:00 PM  Mark Christl, "Focal Surface Design"
4:30 PM  Nepomuk Otte, "Focal Surface Design"
5:00 PM  Front End Electronics
5:30 PM - 6:30 PM  PLENARY SESSION 12: JEM-EUSO ICRC TALKS
Rehearsal of the oral talks at ICRC
Saturday - June 24, 2017

PLENARY SESSION 13: POEMMA  
Coordinator: A. Olinto

9:00 AM  Mechanical and electrical packaging
9:30 AM  Discussion & TO DO  
trigger rates, back-end data storage and monitoring

ORGANIZER: JIM ADAMS

10:00 AM  Launch Vehicle choices
10:30 AM  COFFEE BREAK
11:00 AM  Trajectory Studies
11:30 AM  Mission To Do list
12:00 PM  LUNCH

ORGANIZER: MARK CHRISTL

1:30 PM  Preparations for the IDL
2:00 PM  Optics
2:20 PM  Instrument
2:40 PM  Launch Vehicle
3:00 PM  COFFEE BREAK
3:30 PM  Schedule, Attendance
4:00 PM  MDL preparation
4:30 PM  DISCUSSION
5:00 PM  Next steps - next meetings deadline
5:30 PM  Adjourn