

JEM-EUSO Simulation & Atmospheric Monitoring meeting @ University of Sofia, Sofia
(Bulgaria) October 7th – 10th 2013

AGENDA (4th VERSION)

Monday October 7th Morning GENERAL ISSUES

9:00 Registration
9:30 Welcome address and logistics (G. Vankova)
10:00 JEM-EUSO Status (A. Santangelo)
10:45 coffee-break
11:15 simulation work: where we are, what we need to do (M. Bertaina)
11:45 discussion of ASR paper (M. Bertaina)
12:45 Lunch

Monday October 7th Afternoon SIMULATION

14:00 JEM-EUSO offline simulations (S. Falk)
14:30 Angular Reconstruction (T. Mernik)
15:15 Energy reconstruction (F. Fenu)
16:00 Xmax reconstruction (K. Shinozaki)
16:45 Coffee break
17:15 Detection of tau-neutrino (G. Vankova)
18:00 Study of double bang phenomena (S. Budyoniev)
18:45 Discussion
19:00 End
20:00 Social Dinner

Tuesday October 8th Morning ATMOSPHERIC MONITORING

9:00 CONEX Interface and neutrino simulation (A. Guzman)
9:30 IR camera status (M. Rodríguez Frías)
10:00 LIDAR status (A. Neronov)
10:30 Coffee break
11:00 Simulations on the IR camera (J. Morales de los Rios)
11:30 Radiation hardness assurance for JEM-EUSO (H. Prieto)
12:00 Photons propagation in the atmosphere (L. Saez)
12:45 Lunch

Tuesday October 8th Afternoon ATMOSPHERIC MONITORING

14:15 Discussion papers for Exp. Astronomy (M. Bertaina)
14:45 State of the art of the stereo method for cloud-top height estimation (A. Anzalone)
15:30 Cloud top retrieval with split window algorithms (S. Briz)
16:15 Lidar simulations (S. Toscano)

16:45 coffee break

17:15 Status of the JEM-EUSO offline simulation @ KIT (N. Sakaki)

18:00 Status of the JEM-EUSO offline simulation in US (T. Paul – via skype)

18:30 Status of the JEM-EUSO offline simulation @ UAH, Madrid (L. del Peral & J. H-Carretero – via skype)

18:45 Discussion

19:00 End

Wednesday October 9th Morning SIMULATIONS

09:00 Pattern recognition of simulated fake trigger events (S. Pastirczak)

09:45 Aurora study update (P. Bobik)

10:30 Latitudinal dependence in UV BG in Tatiana II measurements (S. Mackovjak)

11:00 coffee break

11:30 EUSO-TA simulation (F. Guarino & D. Campana)

12:00 EUSO-Balloon simulation (T. Mernik)

12:30 Nuclearite simulations (M. Bertaina)

13:00 Lunch

Wednesday October 9th Afternoon SIMULATION and AM

14:30 discussion

16:30 coffee break

17:00 discussion

18:30 end

Thursday October 10th Morning: SIMULATION and AM

9:00 discussion

11:00 coffee break

11:30 Summary & conclusions

12:30 End