



PAMELA general meeting

Tuesday 3 October 2017 – Thursday 5 October 2017

Yaroslavl State University

Yaroslavl, Russia

Programme

Tuesday 3 October

9:30 ÷ 10:00 Registration. **Room 304.**

10:00 ÷ 11:30

10:00 – 10:20 Welcome from the organizers

Alexander I. Rusakov
Alexander V. Kuznetsov

10:20 – 10:30

Welcome speech

Piergiorgio Picozza

10:30 – 10:40

Arkady M. Galper

10:40 – 11:30 PAMELA Overview

Mirko Boezio

11:30 ÷ 12:00 Coffee break

12:00 ÷ 13:00

12:00 – 12:20 Review of solar modulation

Valeria Di Felice
Riccardo Munini

12:20 – 12:40 Proton solar modulation

Matteo Martucci
Matteo Merge

12:40 – 13:00 Helium solar modulation

Matteo Martucci
Matteo Merge

13:00 ÷ 14:00 Lunch

14:00 ÷ 15:30

14:00 – 14:20 p-He spectra reconstruction & solar modulation

Andrey G. Mayorov

14:20 – 14:45 27-day variations of GCR with PAMELA and ARINA data in 2007-2008

Irina K. Borkut

14:45 – 15:10 On the connection between the longitude distributions of the Heliospheric characteristics and the GCR intensity in 2007-2008 and 2014-2015

Mikhail B. Krainev

15:10 – 15:30 The long-term GCR intensity variations: PAMELA vs Neutron Monitors and Regular Balloon Monitoring

Mikhail B. Krainev

15:30 ÷ 16:00 Coffee break

16:00 ÷ 17:30

16:00 – 16:20 Solar modulation of GCR deuteron spectrum

Sergey A. Koldobskiy

16:20 – 16:50 $^2H/^1H$, $^3He/^4He$ solar modulation from the PAMELA data 2006 – 2014

Edward A. Bogomolov

16:50 – 17:10 Registration of cosmic gamma-rays with PAMELA

Olga Golub
Andrey G. Mayorov

17:10 – 17:30 High energy e^+ / e^- for 2010-2015

Svetlana Kleimenova
Vladimir V. Mikhailov

Wednesday 4 October

10:00 ÷ 11:00

10:00 – 10:20	Trapped positrons and electrons	Vladimir V. Mikhailov
10:20 – 10:45	Status report about the lithium and beryllium isotope analysis	Wolfgang Menn
10:45 – 11:00	The high energy electron anisotropy	Alexander V. Karelin

11:00 ÷ 11:30 Coffee break

11:30 ÷ 13:30

11:30 – 12:00	December 2006 Forbush decrease	Riccardo Munini
12:00 – 12:20	Forbush decreases during PAMELA experiment	Ilya Lagoida
12:20 – 12:50	2H and 3He in the 2006 December 13 event from the PAMELA data	Edward A. Bogomolov
12:50 – 13:30	Search for solar neutrons	Vladimir V. Mikhailov

13:30 ÷ 14:30 Lunch

14:30 ÷ 16:30

14:30 – 14:45	5 – 6 December 2006 SEP	Andrey G. Mayorov
14:45 – 15:25	400 days proton modulation	Matteo Martucci
15:30 – 16:10	Solar Energetic Particles	Alessandro Bruno
16:10 – 16:30	Importance of PAMELA data for investigation of Solar Cosmic Rays	Galina A. Bazilevskaya

18:00 ÷ 20:00 Gala dinner

Thursday 5 October

10:00 ÷ 12:30 Excursion

13:00 ÷ 14:00 Lunch

14:00 ÷ 15:20

14:00 – 14:20	11 th data reduction	Matteo Merge
14:20 – 15:00	11 th data reduction Tracker “masking”	Vitaly V. Malakhov Andrey G. Mayorov
15:00 – 15:20	Calorimeter “masking”	Andrey G. Mayorov

15:20 ÷ 15:40 Coffee break

15:40 ÷ 17:30

15:40 – 16:00	Calorimeter: PamVMC vs Experiment	Vladislav Alexeev
16:00 – 16:40	Unfolding Techniques	Olga A. Dunaeva
16:40 – 17:00	Hough transform for particles track reconstruction in calorimeter	Svetlana Rodenko
17:00 – 17:30	The estimation of the backscattering particles flux in the PAMELA calorimeter	Alexander A. Kvashnin Alexander N. Kvashnin Yuri I Stozhkov