

# International Cosmic Ray Workshop

## ICRW “ARAGATS 2007”

September 9 -13, 2007

Nor-Amberd, Yerevan, Armenia



### First Bulletin

(The complete version of the First Bulletin can be found on the Web site  
<http://gamma.yerphi.am/ICRW-Aragats-2007/>)

### Place and date

The International Cosmic Ray Workshop (ICRW) “ARAGATS 2007” will take place from 9<sup>th</sup> to 13<sup>th</sup> of September, 2007 at “Nor-Amberd” resort of the Yerevan Physics Institute, which is located 40 km North-West of Yerevan, next to the Nor-Amberd scientific station (Cosmic Ray Department). The approximate elevation is 2000m a.s.l.

### Committees

#### *International Advisory Committee*

- A. Lebedev (Moscow Lebedev Institute, Russia), Co-Chair
- R. Martirosov (Yerevan Physics Institute, Armenia), Co-Chair
- A. Erlykin (Moscow Lebedev Institute, Russia)
- Y.A. Gallant (University of Montpellier II, France)
- A. Garyaka (Yerevan Physics Institute, Armenia)
- J.R.Hoerandel (University of Karlsruhe, Germany)
- L.W. Jones (University of Michigan, U.S.A.)
- J. Kempa (Warsaw University of Technology, Poland)
- E. Mamijanyan (Moscow Lebedev Institute, Yerevan Physics Institute, Armenia)
- O. Saavedra (University of Torino, Italy)
- J. Stamenov (Institute of Nuclear Research and Nuclear Energy, Bulgaria)

Yu. Stozhkov (Moscow Lebedev Institute, Russia)  
M. Tamada (Kinki University, Japan)  
S. Ter-Antonyan (Yerevan Physics Institute, Armenia)

### ***Local Organizing Committee***

R. Martirosov, Chair  
A. Barsegyan  
A. Garyaka  
T. Hambardzumyan  
G. Hovsepyan  
L. Mikaelyan  
V. Sahakyan

### **Scientific Program and Contributions**

- Energy spectra and mass composition at and above the knee;
- Very-high energy gamma rays and gamma astronomy;
- Hadrons and muons in Extensive Air Showers (EAS) cores;
- Exotic phenomena in EAS at  $E > 10$  PeV;
- New detection techniques (e.g. radio pulses from EAS).

The Workshop will be organized as a series of plenary sessions. Reports accepted for presentation at the Workshop will be either oral or poster. The official language of the Workshop is English.

The average allocated time:

for reviews – 40 min + 5 min discussion;

for other presentations – 20 min + 5 min discussion.

Please, use PowerPoint or PDF for your presentation. The files of presentations should be uploaded directly to the conference computer until at least the day preceding the talk.

### **Proceedings**

The contributions at the Workshop will be published in a special proceedings book.

Additional information will be available in the Second Bulletin and on the Web site of the Workshop at: <http://gamma.yerphi.am/ICRW-Aragats-2007/>.

### **Important Dates**

Starting date for registration	02/04/2007
Deadline for abstract submission	31/05/2007
Deadline for registration	30/06/2007
Deadline for paper submission	31/10/2007
Opening Ceremony	09/09/2007
Workshop Conclusion	13/09/2007

### **Sponsors**

The Workshop “ARAGATS 2007” is hosted by

**the Moscow Lebedev Physical Institute and the Yerevan Physics Institute**

with the additional support from

Russian Foundation for Basic Research  
Armenian Fund in France  
Nor-Amberd Scientific Center (Branch of the Lebedev Institute in Armenia)

## **Registration Desk**

The registration desk will be opened:  
on, Saturday September 8<sup>th</sup>: from 10 a.m. to 5 p.m.  
on, Sunday September 9<sup>th</sup>: from 10 a.m. to 1 p.m.

## **Registration Fee**

The registration fee for the Workshop participants is 300 Euro. It includes:

- transportation from the airport to Workshop site and back;
- shared double room;
- three meals a day;
- coffee breaks;
- one-day visit to the Aragats scientific station (3200m a.s.l.);
- conference bag with a book of abstracts;
- welcome reception and banquet.

The registration fee must be paid cash in EURO or US dollars (corresponding amount) at the registration desk.

***There is no ATM (Bancomat) in Nor-Amberd.***

We regret that we currently do not have the means to provide financial support for participants.

## **Computer Facilities**

During the Workshop two PC's will be available for the Internet access.

## **How to Register**

Registration can only be made through the Internet. Please refer to the site of the ICRW "ARAGATS 2007" (<http://gamma.yerphi.am/ICRW-Aragats-2007/>) and follow the link to the registration form.

## **Contacts**

Romen Martirosov: [martir@yerphi.am](mailto:martir@yerphi.am); [romenmartirosov@rambler.ru](mailto:romenmartirosov@rambler.ru)  
Phone: (374-10) 34 19 00

Tatyana Hambarzumyan: [tanja@yerphi.am](mailto:tanja@yerphi.am)  
Phone: (374-10) 34 15 00