

# 22-ND EUROPEAN COSMIC RAY SYMPOSIUM

August 3–6, 2010, Turku, Finland



## SECOND CIRCULAR

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The 22-nd European Cosmic Ray Symposium ECRS-2010 will be held in Turku from August 3 through August 6, 2010. ECRS-2010 is 22-nd in a series of European Cosmic Ray Symposia, and for the first time it is hosted by a Nordic country. The official web-site of the Symposium is <http://ecrs2010.utu.fi/>

The conference venue is the modern Educarium complex by the University of Turku. The city of Turku is the former capital of Finland and will act as the European capital of culture in 2011. The city is surrounded by a beautiful archipelago and provides touristic attractions. A variety of accommodations is available in the area.

**The Symposium program** will consist of plenary (invited reviews) and parallel scientific sessions, including:

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|--|----------------------------------|
| 1. Solar and heliospheric cosmic rays                                  | (conveners B. Heber, R. Vainio)  |
| 2. CRs at Earth and planets  | (S. McKenna-Lawlor, I. Usoskin)  |
| 3. Space and balloon-borne CR experiments                              | (G.A. Bazilevskaya, E. Valtonen) |
| 4. HE/UHE CR and neutrino experiments                                  | (K. Kampert, T. Suomijärvi)      |
| 5. HE/UHE CR theory  | (R. Schlickeiser, R. Vainio)     |
| 6. HE/UHE gamma-rays   | (F. Aharonian, J. Poutanen)      |
| 7. In memorial of Vernov   | (M. Panasuyk)                    |
| 8. Historical overview (only invited talks)                            |                                  |
| 8A History of Cosmic Ray research and High-energy Astronomy in Finland | (E. Valtonen)                    |
| 8B. Development of HE measurement techniques                           | (F. Aharonian, A. Lagutin)       |

Invited plenary speakers include: F. Aharonian, L. Bergström, J. Buckley (TBC), A. De Angelis, V. Dergachev (TBC), H. Fichtner, E. Flückiger, P. Ghia, A. Haungs, J. Hinton, J.R. Jokipii, N. Kalmykov, L. Kocharov, T. Krimigis, A. Kouchner, R. Marsden, K. McCracken, J.W. Mitchell, P. Picozza, G. Sinnis, Yu. Stozhkov, P. Tanskanen, S. Ting, D. Thompson, E. Valtaoja, E. Waxman.

### **Important dates:**

Abstract submission:	31 Mar 2010
Application for financial support:	31 Mar 2010
Early bird registration:	31 May 2010
Welcome reception:	02 Aug 2010
Conference:	03-06 Aug 2010
Proceeding submission:	31 Oct 2010

### **Registration:**

The full online registration is open at the ECRS-2010 web page at <http://ecrs2010.utu.fi/>. Registration fee (including the conference package, coffee-breaks, everyday lunch, cruise/conference dinner, Welcome reception, and publication of proceedings) is 350 Euro if paid by 31-May-2010 or 400 Euro if paid later. Registration fee for accompanying persons is 70 Euro including welcome reception and cruise/conference dinner. We prefer that the fee is paid by a credit card. On-site registration will be open starting 02 Aug 2010.

**Social events:**

Welcome reception will take place at the City Hall on *02 Aug 2010 19:00-20.30* (included into the registration fee).

Conference dinner will be joined with a ship cruise over the Archipelago in the afternoon of *05 Aug 2010* (included into the registration fee).

**Financial support:**

We aim to provide a partial support to some participants, particularly to students. Only a limited number of supports is foreseen, and will be mostly limited to waive the registration fee and/or provide some local support. A detailed instruction on how to apply for the support will be provided on the web-site in March 2010. Deadline for financial support applications is *31-Mar-2010*. Decision will be made in May 2010.

**Abstract submission:**

Abstract submission is open until *31-Mar-2010* at <http://ecrs2010.utu.fi/>

A unique ID will be assigned to each submitted abstract, and this ID will be used for further correspondence regarding presentations and proceedings.

**Conference proceedings:**

Conference contributions will be published in a dedicated issue of the journal of Astrophysics and Space Science Transactions (ASTRA - <http://www.astrophysics-and-space-sciences-transactions.net/home.html> ). This is a peer-review journal and all the submitted manuscripts will be reviewed by the Editorial Committee and external reviewers. Submission of up to 3 contributions for each participant is included into the conference fee, considering 4 pages for contributed and 6 pages for invited papers. Any excess of this limit should be paid by authors separately. Deadline for proceeding submissions is *31-Oct-2010*.

**Symposium poster** can be downloaded from <http://ecrs2010.utu.fi/>

**International Advisory Committee:**

A.W. Wolfendale (chair), P. Kiraly, I. Anicin, J.N. Capdevielle, A. Chilingaryan, J. Dias de Deus, A. Erlykin, E. Flückiger, M. Giller, P. Gorodetzky, G.F. Krymsky, K. Kudela, M. Panasyuk, P. Picozza, M. Pimenta, O. Ryazhskaya, O. Saavedra, M. Simon, P. Spillantini, M. Teshima,

**Scientific Organizing Committee:**

I. Usoskin (chair), R. Vainio, E. Valtonen, F. Aharonian, G. Bazilevskaya, B. Heber, K. Kampert, S. McKenna-Lawlor, M. Panasyuk, J. Poutanen, R. Schlickeiser, T. Suomijärvi

**Local Organizing committee:**

E. Valtonen (chair), T. Eronen, H. Hietala, T. Laitinen, J. Lehti, E. Riihonen, J. Saari

For all information about the Conference, you are kindly invited to visit the Conference Website at <http://ecrs2010.utu.fi/>

or contact us via e-mail: [ecrs2010@srl.utu.fi](mailto:ecrs2010@srl.utu.fi)