



## SpacePart '06 Bulletin No. 1

This is the first announcement of the Third International Conference on Particle and Fundamental Physics in Space (SpacePart), to be held, under auspices of the Chinese Ministry of Science and Technology, in Beijing, China from April 18<sup>th</sup> to April 20<sup>th</sup>, 2006.

The conference is sponsored by the Italian National Institute for Nuclear Physics (INFN) and it is hosted by the Beihang University (BUAA) and by the Italian Embassy at Beijing.

### Program

The previous two SpacePart conferences were in Isola d'Elba (Italy, 2002) [www.pg.infn.it/spacepart](http://www.pg.infn.it/spacepart) and Washington DC (2003) [pierre.mit.edu/SpacePart03](http://pierre.mit.edu/SpacePart03) and have been very successful in bringing together space scientists and policy makers from around the world, for very fruitful, effective exchange of views on the developments of space related science and technology programs.

The 2006 Space Part Conference will take place in Beijing, and this is not by chance. China operates in space since 1968 and has successfully launched as many as 70 satellites. In recent years, however, the pace of development of its space program has increased considerably. In 2003 China joined the club of nations (US and Russia) who have successfully launched a man in space. In 2005 a crew of two taikonauts has been successfully launched to low earth orbit, and in 2006 a chinese lunar orbiter will start circling the moon. Landing on the moon is the goal of a chinese mission with international participation which is planned in 2012. This impressive series of ambitious space missions involve several important scientific and technological achievements.

SpacePart '06 very special and timely topic will then be "Space science and technology in China". It will be a unique opportunity to discuss China space program in the context of an international conference discussing the chinese scientific future projects in space with other similar programs in Europe, Russia, US or elsewhere. We anticipate good participation by leading representatives from the Chinese and international space agencies.

Our aim is then to bring together researchers from around the world and from diverse subfields of physics and astrophysics, having in common an interest in cosmology, gravitation, and elementary particle physics, and also having in common a space-based experimental approach. The primary focus will be on science application but we also foresee a technology session.

The conference program should include several talks from distinguished Chinese space scientists and policy makers as well as from representatives of the international space community, covering both strategies, science and technology.

The conference will be organized as a series of plenary half-day sessions. We also plan to have a reception sponsored by the Italian Embassy as well as a visit to the CASC facilities in Beijing.

A detailed preliminary program will be forwarded to participants with bulletin no. 2.

### **Attendance and Registration**

Attendance will be limited. Those interested in participating should register no later than January 31<sup>st</sup>, 2006.

Contributions to the meeting will be either talks or posters. Approximately half of the time will be devoted to invited reviews of important topics. Additional contributions will be included on a time-available basis. The average allocated time for presentations is expected to be 20 minutes. The final decision will be made by the organizers with the help of the International Advisory Committee. The International Advisory Committee and the organizers will notify in due time the authors of the acceptance or rejection of their contributions. Scientists interested in contributing to the scientific program are invited to fill in the proper section in the registration form. Contributors to the conference, for talks and posters as well, are requested to submit a brief abstract (preferably in LaTeX format via e-mail), 120 words or 15 lines maximum length, not later than January 31<sup>st</sup>, 2006. Contributors are expected to provide, upon arrival, an electronic version of their presentation for preliminary distribution at the Conference. The format will be indicated in the next bulletin.

As for the previous two conferences, the proceedings of Space Part '06 will be published on Nuclear Physics B.

### **Conference Fee**

The conference fee for non Chinese participant will be 250 Euro, and will cover the cost of the coffee breaks, reception, and proceedings. Students and young people are encouraged to attend; therefore, we will provide a discounted conference fee of 125 Euro for students and persons within three years of obtaining their Ph.D. degree. Registrations will be accepted after January 31<sup>st</sup>, 2006, but for a fee of 300 Euro. In order to allow a wide participation of Chinese scientists and students a special registration package will be foreseen for Chinese participants.

### **Accommodation**

The conference will be organized by Beihang University (BUAA), 37 Xue Yuan Road, Hai Dian District, Beijing, P. R. China [www.buaa.edu.cn](http://www.buaa.edu.cn) and will take place in a nearby conference center.

Accommodation conditions and Hotel rates will be announced on the conference web page: [www.pg.infn.it/spacepart06](http://www.pg.infn.it/spacepart06) or [www.buaa.edu.cn/spacepart06](http://www.buaa.edu.cn/spacepart06)

### **Payment**

Conference and accommodation fees must be paid in advance following the instructions on the SpacePart '06 website.

### **Important Dates**

Deadline for returning registration form: January 31<sup>st</sup>, 2006

Deadline for receipt of abstracts: January 31<sup>st</sup>, 2006

Final Program: March 31<sup>st</sup> 2006

Meeting sessions: April 18<sup>th</sup> - April 20<sup>th</sup>, 2006

Deadline for proceedings manuscripts July 31<sup>st</sup>, 2006

Space Part '06  
International Advisory Committee

J. Logsdon (SPI, USA) Chair  
Li Wei (BUAA/CAS China)  
N. A. Anfimov (ROSKOSMOS, Russia)  
P. Benvenuti (INAF, Italy)  
G. Bignami, (SSAC/ESA, France)  
K. Danzmann (Germany)  
S. Di Pippo (ASI, Italy)  
F. Everitt (Stanford) (USA)  
N. Gehrels (NASA, USA)  
R. Giacconi (AUI, USA)  
W.V. Jones (NASA, USA)  
J. Nishimura, (Japan)  
M. Panasyuk (MSU, Russia)  
R. Petronzio (INFN, Italy)  
P. Picozza (Roma II, Italy)

Contact (Italy)

Anna Drakopoulou  
INFN Space Part '06  
Via Pascoli  
I-06123 PERUGIA  
Italy

tel +39 075 5852750  
fax +39 075 5847296

email: [spacepart06@pg.infn.it](mailto:spacepart06@pg.infn.it)  
web: [www.pg.infn.it/spacepart06](http://www.pg.infn.it/spacepart06)

M. Salamon (NASA, USA)  
P. Sreekumar (ISAC, India)  
S. C. C. Ting, (MIT USA)  
K. Turner (DOE, USA)  
S. Weinberg (Texas AM, USA)  
A. Yamamoto (KEK, Japan)  
Li Tipei (Tsinghua U. China)

Organizing Committee

Roberto Battiston INFN  
Behcet Alpat INFN  
Gennaro Esposito INFN  
Zheng Zhiming BUAA  
Ying Yan BUAA

Contact (China)

Ying YAN  
BUAA Space Part '06  
International Division, Beihang  
University (BUAA)  
37 Xue Yuan Road, Hai Dian District  
Beijing, 100083  
P. R. China

tel +86 10 82317687  
fax +86 10 82328036

email: [spacepart06@buaa.edu.cn](mailto:spacepart06@buaa.edu.cn)  
web: [www.buaa.edu.cn/spacepart06](http://www.buaa.edu.cn/spacepart06)