



## SpacePart '06 Bulletin No. 2

This is the second announcement of the **Third International Conference on Particle and Fundamental Physics in Space (SpacePart)**, to be held, under the auspices of the Chinese Ministry of Science and Technology, in Beijing, China from **April 19 to April 21, 2006**.

**IMPORTANT!** Please notice that the Conference date has been shifted by one day (it was initially April 18th to April 20th, 2006), following the request of several US and European participants, which in this way can travel the day following Easter and land in Beijing on the 18th. **Due to this change other deadlines have been shifted, as listed in the following.**

Further details can be checked at the Conference web sites [www.pg.infn.it/spacepart06](http://www.pg.infn.it/spacepart06) or [www.buaa.edu.cn/spacepart06](http://www.buaa.edu.cn/spacepart06)

### Conference 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 (USA, 2003, <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 have the extraordinary chance of taking place in China. Since 1968 China has successfully launched as many as 70 satellites, and in recent years the pace of development of the Chinese 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 2006 very special and timely leit-motiv will be "Space science and technology in China". It will be a unique opportunity to learn about the Chinese space program in the context of an international conference, comparing Chinese future scientific projects in space with other similar programs in US, Europe, Russia or elsewhere. We anticipate good participation by leading representatives from the Chinese (CASC) and international space agencies like NASA, ESA, JAXA, ROSKOSMOS, ASI, PPARC and CNES.

Our aim is to bring together space scientists from around the world and from diverse subfields of physics and astrophysics, having in common an interest in cosmology, gravitation, planetary exploration and elementary particle physics, and also having in common a space-based experimental approach either at present or as

natural development of current technologies. The primary focus will be on science but we also foresee a technology and application 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 special event sponsored by the Italian Embassy as well as a visit to the CASC facilities in Beijing.

### **Preliminary Schedule**

#### **Wednesday, April 19th,**

##### MORNING

Welcome remarks  
Keynote speech  
Session: Agency Overviews

##### AFTERNOON

Session: Particle Physics in Space

#### **Thursday, April 20th**

##### MORNING

Session: Space telescopes

##### AFTERNOON

Session: Fundamental Physics and Gravitation  
Session: Science on the Moon and Mars

##### EVENING

Special event hosted by the Italian Embassy

#### **Friday April 21st**

##### MORNING

Session: Cosmology and particle physics

##### AFTERNOON

Session: Space Applications and Technologies  
Round table Grand Observatories in space

## Attendance and Registration

Attendance will be limited. Those interested in participating should register no later than **February 15th, 2006** using the form on the website.

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 **February 28th, 2006**.

Contributors are expected to provide, upon arrival, an electronic version of their presentation for preliminary distribution at the Conference. The format for the presentation will either .ppt or .pdf.

As for the previous two conferences, the proceedings of Space Part 2006 will be published on Nuclear Physics B.

## Conference Fees

The conference fee for non Chinese participant is 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 February 15th, 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, which are requested to contact directly by sending an email to Lu Ying: [spacepart06@buaa.edu.cn](mailto:spacepart06@buaa.edu.cn) .

## Payment

Conference and accommodation fees must be paid in advance following the instructions on the SpacePart 2006 website. Online payments by credit cards as well as wire transfers will be possible on the english website.

## Accommodation

The conference will be organized in the Ruxin Conference Centre of the Beihang University (BUAA), 37 Xue Yuan Road, Hai Dian District, Beijing, P. R. China ([www.buaa.edu.cn](http://www.buaa.edu.cn)).

Accommodation conditions and Hotel rates are 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)  
Special visits will be organized through the Conference for the accompanying persons.

**People registered will be contacted to check their hotel reservation. If you are not contacted within a week from the registration deadline Feb. 15th, please notify us at [spacepart06@pg.infn.it](mailto:spacepart06@pg.infn.it)**

### Important Dates (updated)

Deadline for returning registration form: **February 15, 2006**

Deadline for receipt of abstracts: **February 28, 2006**

Final Program: **March 31, 2006**

Meeting sessions: **April 19th - April 21st, 2006**

Deadline for proceedings manuscripts: **July 31, 2006**

#### Space Part '06

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