

## First Announcement and call for papers

### Space Flight Safety

1. Organizer: Scientific and Production Enterprise “Special Materials”
2. Sponsoring organization: “Technomash”, Russian Space Agency
3. Conference site and dates: Saint Petersburg, July 28-31, 2014 (prior to COSPAR 2-10 August 2014, Moscow)
  
4. Local organizing committee: Mikhail Silnikov, Director General Scientific and Production Enterprise “Special Materials” (Chair), Andrew Mikhaylin (Organizational Department), Mikhail Chernyshov, St. Petersburg State Polytechnical University Head of Department
  
5. Scientific organizing committee  
Igor V. Barmin, General Designer, Federal State Enterprise “TsENKI”, Russian Space Agency, Russia  
Vladimir Betelin, Academician RAS, Director of Scientific Research Institute for System Studies, Russia  
Christophe Bonnal, CNES, Paris, France  
Jean Michel Contant, IAA Secretary General  
Grunde Jomaas, Technical University of Denmark, Kgs. Lyngby, Denmark  
Susan McKenna-Lawlor, Academician, Prof. D.Sc., Sec. IAA Com.1, Ireland  
Vyacheslav Nosikov, Adviser to General director “NPO “Technomash”, Russian Space Agency,  
Vitalii Panov, Vice-president of Russian Engineering Academy,  
Igor Rubtsov, director of scientific Analytic Centre “NPO “Technomash”, Russian Space Agency,  
Mikhail Silnikov, Prof., Dr.Sc.-Hab., Director General Scientific and Production Enterprise “Special Materials” Russia  
Program Chair: Nickolay Smirnov, Prof., Dr.Sc.-Hab., IAA Com.1 Vice Chair
  
6. Symposium structure:
  - Theme of the symposium  
Space Flight Safety
  - Proposed topics
    1. Fire safety of Space vehicles
    2. Protection of Space structures from space debris collisions and micrometeoroids
    3. Safety at launch place and during takeoff
    4. Radiation hazards and safety
    5. Supercomputer predictive modeling for ensuring Space program safety
  
  - Draft session plan
    1. Fire safety of Space vehicles
    2. Protection of Space structures from space debris collisions and micrometeoroids
    3. Safety at launch place and during takeoff
    4. Radiation hazards and safety
    5. Supercomputer predictive modeling for ensuring Space program safety
  
  - Proposed chairs  
Session 1 - Grunde Jomaas, Technical University of Denmark, Kgs. Lyngby, Denmark  
Session 2 - Christophe Bonnal, CNES, Paris, France & Nickolay Smirnov  
Session 3 - Igor V. Barmin, General Designer, Federal State Enterprise “TsENKI”, Russian Space

Agency, Russia

Session 4 - Susan McKenna-Lawlor, Academician, Prof. D.Sc., Sec. IAA Com.1, Ireland

Session 5 - Vladimir Betelin, Academician RAS, Director of Scientific Research Institute for System Studies, Russia

#### 7. Publication plans for the required special issue of Acta Astronautica

Authors of all papers presented at the Conference, will be invited to submit their contributions to Acta Astronautica for a standard review procedure.

#### 8. Registration fees:

Members of IAA 200 Euros

Non-members 250 Euros

Students 100 Euros

Accompanying persons: free one accompanying person, additional accompanying persons – 100 Euros per person

Early bird registration provides 10% discount of all registration fees.

– items included in the registration fee

Admission to all sessions

Participant badge and kit

Booklets,

Book of abstracts,

Excursion to field test site,

Refreshments and Coffee breaks.

9. Banquet and transportation to/from airport, as well as other optional tours are paid separately.

#### 10. Hotels

Hotels will be within walking distance, prices ranging from 90 to 200 Euros depending on room category.

#### 11. Schedule of symposium preparation:

– 1st and 2nd announcement

1<sup>st</sup> announcement February 15, 2014

2<sup>nd</sup> announcement and preliminary Program May 1, 2014

– period and method of registration and hotel booking

Registration May 1 – July 27, Early bird May 1 – June 27.

– Abstract handling:

Submission via e-mail deadline March, 10, 2014

Information of Acceptance – March 30, 2014

Full length paper submission – May 15, 2014

Primary review results – June 15, 2014

– Program drafting and finalization: May 1, 2014

– Visa handling Since April 1, 2014

Abstract numbering: IAA-SFS-2014-0XX

#### 12. Accessibility:

– Payment: Registration fee should be paid to IAA, Hotel deposit to Local organizing Committee.

- Traveling to the symposium: Pulkovo Airport in Saint Petersburg has good connections with all major capitals of the World. Those preferring to take a flight to/from Moscow (accounting for COSPAR meeting) can use fast train SAPSAN transportation between Moscow and Saint Petersburg. Travelling time 4 hours (650 km), prices from 70 Euros one way.

All questions relevant to registration, abstract submission should be addressed directly to Local Organizational department head Andrew Mikhaylin [mikhaylin@npo-sm.ru](mailto:mikhaylin@npo-sm.ru)

The information is to appear on the IAA site as well