



IAA Study Group 6.7 *50th Anniversary of the Space Era 2007*

Information Note No 9

1. Introduction

On March 21-22, 2007 the IPC for the Hyderabad IAC took place in Paris. Also intensive discussions on how to organize a History Plenary in Hyderabad devoted to “Sputnik 1, IGY and the Space race” were performed. In the mean time the Glasgow 2008 Programme Ctee as selected in Valencia (see Valencia minutes) has now been adopted by IAA and IAF/IPC.

We are also making progress (slow) on the publication of our History Symposia Proceedings, and finally the 1998 volume is out.

The LOC for IAC in Hyderabad is preparing a commemorative book on space achievements for the congress participants.

2. 41st IAA History Symposium in Hyderabad

This year only 22 abstracts were submitted to the IPC. Of these 3 were out of scope and the remaining 19 papers were distributed on three sessions (Session 2 and 3 were combined). See also Annex 1 (Note: that this is a draft and typing errors and format are to be corrected).

In the Session 1 “The International Geophysical Year, Sputnik 1 and the Space Race” we have at the moment 4 papers. But here the first two slots are kept open for contributions from some of the space pioneers of the History Plenary to give a more extensive presentation on the topic than can be done in the plenary (see also below).

Also note that the scheduling of the 3 sessions is not yet quite firm, but will be so in the next two weeks time.

3. History Plenary on “Sputnik 1, IGY and the Space Race”

A first History Plenary is planned for Hyderabad to celebrate the 50th Anniversary of Sputnik 1, IGY and the Space Race. Tentative day is Tuesday 26 September 2007.

The planned panel for the History Plenary:

Moderator: TBD (several candidates are being contacted)

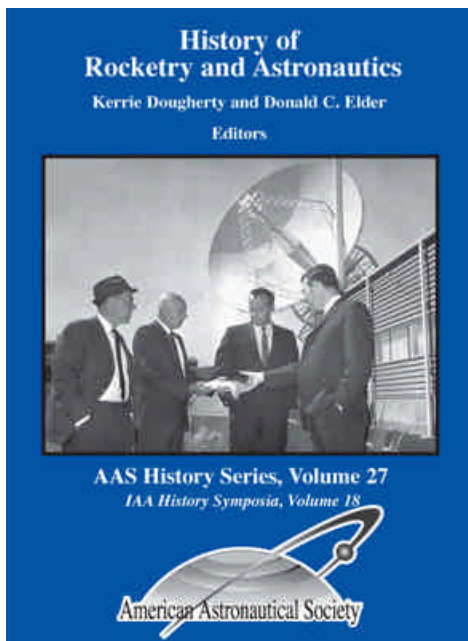
Panelists: Boris Chertok, Energia, Russia (member of the Korolev team)
Robert Seamans, MIT, Former NASA Deputy Administrator
TBD from Russia
Asif Siddiqi, US, Historian and scholar on space race

The programme will in general terms consist of:

- Sputnik 1 model from Russia with “live signals”
- Film from manufacture and launch of Sputnik 1
- Personal remarks by Chertok and Seamans
- Historical remarks by historian scholar
- Interactive discussion in panel
- Discussion with audience and Q/A

4. Status of History Symposia Proceedings

The proceedings are making progress. Just out from the publisher is the 1998 volume.



Congratulations to Kerrie Dougherty and Don Elder for a good job.
And an excellent publication by Bob Jacobs of Univelt.

32nd (1998), History of Rocketry and Astronautics, Edited by Kerrie Dougherty and Donald C. Elder, 2007, 416p,
Hard Cover ISBN 978-0-87703-535-0, \$95.00, Soft Cover ISBN 978-0-87703-536-7, \$70.00, Volume 27 AAS History Series

Proceedings of the Thirty-Second History Symposium of International Academy of Astronautics in Melbourne, Australia, 1998. IAA History Symposia, Volume 18

Note: You can order the book on-line from Univelt: <http://www.univelt.com>

Individual members of the American Astronautical Society (AAS), the American Institute of Aeronautics and Astronautics (AIAA), the British Interplanetary Society (BIS), the Deutsche Gesellschaft für Luft und Raumfahrt (DGLR), the National Space Society (NSS), the Space Studies Institute (SSI), the Space Foundation (SF), The Planetary Society, The Mars Society, or any International Astronautical Federation (IAF) society member may take a 25% discount off the list prices for the Advances in the Astronautical Sciences Series, the AAS Science and Technology Series, the AAS History Series, the AAS Microfiche Series

and other special AAS volumes. Please indicate which organization you are a member of when applying the discount rates. This is also valid for members of the IAA History Study Group.

Authors may take a 50% discount off the list prices on any volumes in any of the above-mentioned series in which their article(s) appear. Please indicate which volume(s) your article(s) appear in when applying the author discount rates.

The manuscript for 1999 - 2002 are all with the Editor-in-Chief, and the 2003 - 2004 will be in by April-May this year. In addition the manuscript of the History Symposia 1967 – 2000 Abstracts and Index book by Hervé Moulin (Report of IAA Study Group 6.4) is now on its way to the Editor-in-Chief.

So we are now well back on track and the remaining bottleneck is now to get the books printed.

5. History Meetings Schedule for Hyderabad

For Hyderabad the schedule of meetings is now (preliminary):

- Saturday September 22: Ev. IAA History Study Group 6.7 1st meeting (if low attendance anticipated it might be performed by e-mail in advance; Subject: Check of sessions status)
- Tuesday September 25: History Plenary (am or pm?)
- Wednesday September 26: IAA History Study group (main) meeting (am)
- Thursday September 27: IAA History Symposium (am + pm?)
- Friday September 28: IAA History Symposium (am)

6. 50 years of Space Achievements book for Hyderabad

The LOC for Hyderabad and the India Space Agency ISRO are now preparing a commemorative book on 50 years of space achievements to be presented to the congress participants.

This book will contain contributions from US, Russia, ESA, India, China, Japan, Germany, UK, France, Italy, Canada, Spain and Australia (?). The main emphasis of the book is the achievements in the past 50 years and the outlook for the next decades.

7. Tsiolkovsky Congress in Kaluga, September 17 –20, 2007

For those who are Interested the latest new from Moscow:

Here some information concerning the Conference devoted to the 150th Anniversary of Tsiolkovsky in Kaluga, Russia, September 17 - 20, 2007.

PROVISIONAL PROGRAMME - SUBJECT TO CHANGES

There will be 10 sessions:

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Research of scientific creativity of Tsiolkovsky.

?????? 1?. ??????? ???????-????????????? ?????? ? ???????
History of a space-rocket science and technics (technical equipment)

?????? 2. ????????? ?????????? ? ?????????????? ???????
Problems of rocket and space technics.

?????? 3. ?????????????? ? ?????????? ??????????????? ???????.
Tsiolkovsky and mechanics of space flight.

?????? 4. ?????????????? ? ?????????? ?????????????? ?????????? ? ??????????.
Tsiolkovsky and problems of space medicine and space biology.

?????? 5. ????????? ? ??????????????????
Aircraft and aeronautics.

?????? 6. ??????? ? ??????????. ?????????? ???????????????.
Space and society. Tsiolkovsky's philosophy.

?????? 7. ?????????????? ? ?????????? ???????????????????.
Tsiolkovsky and scientific forecasting.

?????? 8. ?????????????? ? ?????????? ?????????????????? ??????????????
Tsiolkovsky and problems of space manufacture.

?????? 9. ?????????????? ? ?????????? ?????????????????????? ??????????????
????????????????? .
Tsiolkovsky and problems of professional work of cosmonauts.

?????? 10. ?????????????? ? ?????????? ??????????????
Tsiolkovsky and problems of education.

There are also planned to have some reports on Economic aspects of realization of the current program of space researches and prospects of an outer space exploration.

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And probably session on Space and culture.
(???????? ? ?????????).

Working language - Russian

Deadline for abstracts - May 15, 2007

Please send Abstracts electronically to: e-mail chtenia@gmik.ru, indicating the number of session and the equipment required

Proposals for papers should include a title and abstracts, as well as curriculum vita.

If someone would need more information please contact or Russian Study Group member Valery V. Glushkov at postmaster@ihst.ru (copy to: Larisa P. Belozerova, larissa@ihst.ru)

Conclusion:

A Happy Easter to all of you in the IAA space history community!

A. Ingemar Skoog, Study Group co-chair
April 2, 2007

Annex 1

Thursday, September 27 2007 14:10
Room: MR.G0.1 (ground floor)

Report

E4. Coordinators Coordinators Coordinators Coordinators	41st History of Astronautics Symposium <i>Dick, Steven</i> <i>Rothmund, Christophe</i> <i>Skoog, Ake Ingemar</i> <i>Springer, Anthony</i>
1. Chairmen Chairmen Rapporteur Rapporteur	The International Geophysical Year, Sputnik 1 and the Space Race <i>Glushkov, Valery V.</i> <i>Jung, Philippe</i> <i>Pirani, Theo</i> <i>Skoog, Ake Ingemar</i>
IAC-07-E4.1.03	veterans of the cosmos: a unique project on the history of soviet cosmonautics <i>Mr. Tal Inbar, Fisher Institute for Air and Space Strategic Studies, Kadima, Israel</i>
IAC-07-E4.1.04	Dniiper duplicate of launch of the first artificial satellite of the Earth <i>Mr. Volodymyr Platonov, Humanitarian University, Dnipropetrovsk, Ukraine</i> <i>Prof. Vladimir Prishnikov, Institute of Geotechnical Mechanics, National Academy of Sciences, Dnipropetrovsk, Ukraine</i> <i>Mr. S.S. Kavelin, Design buro "Pivdenne", Dnipropetrovsk, Ukraine</i>
IAC-07-E4.1.05	A Sputnik 4 Saga <i>Dr. Charles Lundquist, University of Alabama in Huntsville, Huntsville, United States</i>
IAC-07-E4.1.06	Portugal's reaction to Sputnik launch <i>Ms. Vera Gomes, Universidade Catolica Portuguesa, Lisboa, Portugal</i>

Report

E4	41st History of Astronautics Symposium
Coordinators	<i>Dick, Steven</i>
Coordinators	<i>Rothmund, Christophe</i>
Coordinators	<i>Skog, Ake Ingemar</i>
Coordinators	<i>Springer, Anthony</i>
2:	Memoirs and Technical Reviews:
Chairmen	<i>Freeman, Marsha</i>
Chairmen	<i>Moulin, Hervé</i>
Rapporteur	<i>Lundquist, Charles</i>
Rapporteur	<i>Springer, Anthony</i>
IAC-07-E4.2.01	Main designer of the most powerful solid propellant motors of ballistic missiles <i>Prof. Vladimir Prismankov, Academy of Sciences of Ukraine, Dnipropetrovsk, Ukraine</i> Mr. Volodymyr Platonov, Humanitarian University , Dnipropetrovsk, Ukraine
IAC-07-E4.2.02	THE SPACE POLICY OF THE JOHNSON ADMINISTRATION: IMPLEMENTATION OF PROJECT APOLLO <i>Mr. Hirotaka Watanabe, Osaka University, Kurashiki-shi, Okazama, Japan</i>
IAC-07-E4.2.03	Von Braun and the Lunar-Orbit Rendezvous Decision: Finding a Way to Go to the Moon <i>Dr. Michael Neufeld, Smithsonian Institution, Washington, DC, United States</i>
IAC-07-E4.2.04	von karman or von kar-mind? worth to be known <i>Ms. Ines Alonso Gomez, Aeronautical Engineering School of Madrid (Spain) (Polytechnical University of Madrid), Madrid, Spain</i>
IAC-07-E4.2.05	The Stabilising Political Influence of Surveillance Satellites during the Cold War <i>Mr. Patrick Norris, LogicaCMG, Leatherhead, Surrey, United Kingdom</i>
IAC-07-E4.2.06	HIGHLIGHTS OF 40 YEARS OF ASTRONAUTICAL AND ROCKET SOCIETY CELJE 1962-2002 <i>Mr. Aleksander Kerstein, CM-Celje, Polzela , Slovenia</i> Prof. Drago Matko, University of Ljubljana, Ljubljana, Slovenia Ing Amalija Trauner Kerstein, Ministry of Environment, Planning and Energetics, Ljubljana, Slovenia
IAC-07-E4.2.07	The first European cryogenic engine was tested forty years ago <i>Mr. Christophe Rothmund, Saecma, Vernon, France</i>
IAC-07-E4.2.08	Halley's Comet Exploration in Japan <i>Prof. Yasunori Matogawa, Japan Aerospace Exploration Agency (JAXA), Kanagawa, Japan</i>
IAC-07-E4.2.09	Latécoère rockets: Malaface, a cruise missile precursor <i>Mr. Philippe Jung, AAAF, Grasse, France</i>

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E4.	41st History of Astronautics Symposium
Coordinators	<i>Dick, Steven</i>
Coordinators	<i>Rothmund, Christophe</i>
Coordinators	<i>Skog, Ake Ingemar</i>
Coordinators	<i>Springer, Anthony</i>
3.	History of Indian Contributions to Rocketry and Astronautics
Chairmen	<i>Liepock, Otfrid G.</i>
Chairmen	<i>Lochan, Rajeev</i>
Rapporteur	<i>Matoyaiwa, Yasunori</i>
IAC-07-E4.3.01	A Relook Into The Historical Progress And Philosophy Of Indian Space Exploration <i>Prof. Mudambi Ananthasayanam, Indian Institute of Science, Bangalore, India</i>
IAC-07-E4.3.02	On the nature and significance of Tippu Sultan's rockets from a historical perspective <i>Mr. Krishnamurthy S, Indian Space Research Organisation (ISRO), Bangalore, India</i> <i>Mr. BR Guruprasad, Indian Space Research Organization (ISRO), Bangalore, India</i>
IAC-07-E4.3.03	History of Rocketry in India <i>Dr. Gowarikar Vasant, Indian Space Research Organization (ISRO), Thiruvananthapuram, India</i> <i>Mr. B.N. Suresh, Indian Space Research Organization (ISRO), Trivandrum 695022, India</i>
IAC-07-E4.3.04	Development of Control and Guidance System for SLV-3, India's First Satellite Launch Vehicle - Some Reflections <i>Dr. Sudhakar Rao, Navik University College, Bangalore, India</i>
IAC-07-E4.3.05	V. Kovtounenko and India: the relations through space: towards 35-anniversary of the soviet-indian cooperation <i>Prof. Vladimir Prismanov, Institute of Geotechnical Mechanics, National Academy of Sciences, Dnipropetrovsk, Ukraine</i> <i>Dr. Vladimir Dranovsky, Yuzhnoye State Design Office, Dnipropetrovsk 49008, Ukraine</i> <i>Mr. S.S. Kavelin, Design buro "Privdeme" , Dnipropetrovsk, Ukraine</i> <i>Mr. Volodymyr Platonov, Humanitarian University , Dnipropetrovsk, Ukraine</i> <i>Mr. Olexsandr Popel, DOPivdeme, Dnipropetrovsk, Ukraine</i>
IAC-07-E4.3.06	Explaining India's Sustained Progress in Rockets and Satellites <i>Prof. Andrew Erickson, Naval War College, Newport, RI, United States</i>