



## *IAA Study Group 6.7* *50<sup>th</sup> Anniversary of the Space Era 2007*

### **Information Note No 10**

#### **1. Introduction**

The major purpose of this Information Note is to disseminate basic inputs in preparation for the discussions at the History Study Group meeting in Hyderabad on September 26, 2007.

***BUT FIRST OF ALL A GENERAL PLEA FOR MORE INTEREST IN OUR  
IAA HISTORY SYMPOSIA PROCEEDINGS!!!!***

**The Sales of our main product, the History Proceedings, have reached a low critical level and we have to be concerned about the future publication. Early this year the 1998 proceedings from Melbourne were published and the manuscript for the 1999 Amsterdam proceedings are ready for print, but the financial situation is not too bright!**

**Please buy a copy if you have not already done so! As a member of our Study Group you get 25% of the list price (just state your membership), and if you are an author of a paper in any History volume you may take 50% of the list price. You can order via Internet from Univelt: <http://www.univelt.com>**

**And have other interested historians, friends and your company buying! It helps!**

**We have in the backlog the manuscripts for 2000 - 2004 ready or just about ready and waiting for publication. We must not jeopardize the huge amount of work put into the papers and the editing of the volumes of these proceedings.**

**The IAA History Symposia Proceedings are our treasure and something unique for the IAA activities!**

#### **2. 41<sup>st</sup> IAA History Symposium in Hyderabad**

The History Symposium in Hyderabad with 6 + 9 + 6 papers for the 3 sessions is well underway and already half of the papers are uploaded into the IAC paper database for the congress DVD. So far no withdrawals are known.

We have now the concurrence from RSC Energia that the first paper in session E 4.1 on the history of Sputnik 1 will be a joint paper by Prof. Boris Chertok and Prof. Legostaev. Prof. Legostaev will perform the presentation. (See also below on IAC History Plenary)

### **3. 42<sup>nd</sup> IAA History Symposium in Glasgow 2008**

After the original decision to have 3 sessions for future History Symposia, the discussions during and directly after the March 2007 IPC resulted in a strong desire to add one session in Glasgow to celebrate the 50<sup>th</sup> Anniversary of the IGY:

Session E 4.1: International Geophysical Year, 50<sup>th</sup> Anniversary  
Co-Chairs: Philippe Jung and John Becklake  
Rapporteurs: Christophe Rothmund and Fred Ordway

The Call for Papers will be issued during the IAC in Hyderabad.

### **4. 43<sup>rd</sup> IAA History Symposium in Daejeon, South Korea, 2009**

For the 3 sessions in Daejeon in 2009 volunteers for co-chairs and rapporteurs are needed.

But most important, we need an Editor for these proceedings! Any volunteer?

### **5. History Plenary on “Sputnik 1, IGY and the Space Race” in Hyderabad**

The first History Plenary will be held in Hyderabad on Tuesday 25 September 2007 at 09:00 to celebrate the 50<sup>th</sup> Anniversary of Sputnik 1, IGY and the Space Race.

The panel for the History Plenary:

Moderator: Prof. Johannes Ortner, IAF Past President

Panelists: Victor Legostev, RSC Energia, Russia (early employee of RSC Energia)  
Robert Seamans, MIT, Former NASA Deputy Administrator (TBC)  
Asif Siddiqi, US, Historian and scholar on space race

Note: Prof. Chertok can due to his poor health and high age (95) not come to Hyderabad, but he is co-authoring the first paper of the History Symposium Session 1.

Unfortunately the attempt to have a replica of the Sputnik 1 at the History Plenary has failed, as the second original of Sputnik 1 at RSC Energia has never been outside the country and a government approval could not be achieved. Two remaining copies of the Sputnik 1 from other museums are needed for the celebrations in Russia in the weeks before and after the IAC in Hyderabad. RSC Energia has though promised a video on the creation and launch of Sputnik 1 for the plenary.

### **6. ISRO “Commemorative Publication of 50 Years of Space Activities”**

The LOC for Hyderabad and the India Space Agency ISRO are preparing a commemorative book on 50 years of space achievements to be presented to the congress participants. The main emphasis of the book will be the achievements in the past 50 years and the outlook for the next decades.

At an early stage the IAA History Study Group offered its help to Dr. M. Rao, the Editor-in-Chief, but the original plan only included contributions from the six major space agencies with own launch capabilities (NASA, ESA, Roscosmos, ISRO, JAXA and the Chinese Space Agency).

However, concerns of an unbalance with respect to many other nations with major programmes for own satellites and space research were expressed, and the IAA History Study Group was asked to propose further nations (and contact persons) for shorter contributions. A list containing further nations i.e. Australia, Belgium, Canada, Finland, France, Germany, Greece, Italy, Ireland, Israel, Spain and UK, plus COSPAR as an international forum for space sciences, was then compiled and submitted to the Editor-in-Chief, who then took over and contacted selected respective contributors. No further direct inputs were requested from the IAA History Study Group, but only from national contributors in direct contact with the Editor-in-Chief.

The final content and layout is presently not known, as this is an Indian gift publication to the attendees of the congress, and the final product will then be revealed at the congress.

## **7. Status of History Symposia Proceedings**

The manuscript for 1999 - 2002 are all with the Editor-in-Chief, the 2003 and 2004 will be in by October-December this year and the 2005 manuscript is due early next 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 by the Editor-in-Chief for publication right after the 2000 volume.

We are now well on track with the editing of the IAA History Symposia Proceedings and I do thank all the volunteer Volume Editors for their great job.

**But please do not forget to buy your copies of past, present and future volumes!!**

## **8. Report on the IAF/IAA/IISL Advisory Committee on History Activities (ACHA)**

The IAF/IAA/IISL ACHA has conducted a first review of potential larger study projects to be undertaken by specially set up study teams under the IAF/IAA/IISL ACHA and IAF Bureau auspices.

The ACHA members have defined 8 potential study projects, with associated descriptions including background and study scope. These projects have been reviewed and details refined, and were then subject to a priority setting completed this August.

The clear priority was given to the proposed study project:

**The International Geophysical Year  
- Starter of International Scientific Space Cooperation.**

This study project is now recommended to the IAF Bureau for review and endorsement.

Upon an endorsement a study team will be set up and a study plan prepared according to guidelines from the IAF Bureau and the IAF/IAA/IISL ACHA.

Any one member of the IAA History Study Group, who would like to work in a future study team for above subject, please contact the Study Group co-chairs.

## **9. History Celebration of the IAA 50<sup>th</sup> Anniversary 2010?**

In 2010 the IAA will be 50 years old, as well as the IISL and the IAC will become 60. First thoughts on the conduct of the celebration of these anniversaries are being collected. The last time the IAA had a publication on its own history was in 1985, when a “25 Years of IAA” was published as a special issue of Acta Astronautica, edited by Fred Ordway.

Here are a few possible ‘first’ alternatives for a celebration of the IAA 50<sup>th</sup> anniversary:

- Publication:
  - IAA history documentation similar to the 1985 ones
  - Special publication with essays of early Academicians on the IAA and the space development
  - A book with the review of each of the 50 years of IAA on e.g. 2 pages each (similar to the IAF 50<sup>th</sup> anniversary book in 2001)
- Devote the IAA Academy Day into an IAA History Day
- Special symposium dedicated to the IAA 50<sup>th</sup> anniversary
  - Special stand alone symposium (e.g. in Stockholm, the place of the creation of IAA)
  - Special symposium during the IAC 2010
  - Devote the IAA History Symposium 2010 to the 50<sup>th</sup> Anniversary
- Joint activities of the IAA, IAF and IISL
- Special honours and awards

There are several ways of conducting this IAA anniversary, of which some are directly linked to the activities of the IAA History Study Group.

**It is recommended that the members of the IAA History Study Group discuss these and any other alternatives in great depth at its meeting in Hyderabad. Based on these discussions, and assuming a limited presence of members in Hyderabad, a following dialogue by electronic means should result in a clear position and associated recommendations of our IAA History Study Group. This position and its recommendations can then be brought forward in time for the IAA Board of Trustees meeting in March 2008 for a decision of alternatives to be implemented. The endorsement of the IAA BOT is needed, as most alternatives are associated with need for funding and manpower.**

One of our members, Päivi Jukola from Finland, has written down some first ideas of what might be considered. These ideas have been partly distributed to the members, but are copied (in original wording) below for full visibility. Additional thoughts are welcome before the meeting in order for the members to be considered for further discussion.

Start Quote:

Absender: "Päivi Jukola" <paivi.jukola@sats-saff.fi>  
Datum: 02. September 2007  
Betreff: some ideas IAA 2010 publication

"Päivi Jukola" <paivi.jukola@sats-saff.fi> schrieb:

>> Thank you Ingemar,  
>> and history study group / I am sorry for double emails  
>>

>> I would like to express my ideas in a sophisticated manner, but just in case, since there is little time before Hyderabad, and rush and stress is about to begin -please forgive me, that I do not edit this, but send it as such straight away for the future discussion

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regarding the 2010 project..some thoughts:

I would like to express my absolute conviction that it is essential that IAA makes a publication on IAA, and only on IAA. IAA deserves it. People deserve it.

1

One of the major goals is to strengthen IAA brand identity and IAA image as the most important (astronautical academy) in the world with the most important people -with the most important mission and vision

Space sector is about people - academy is about people.

The publication should promote IAA and that can only be properly achieved, if it is an IAA (anniversary) book. It should not be only as an anniversary publication, but more, through an ambitious content.

2

It should be targeted to be published by a major professional publisher, with a professional budget

3.

to be sold for public at large in commercial bookstores. A publication that most libraries would have.

4

competitive price, not too expensive, not too cheap

5

It would be beneficial to aim for translations in english, german, spanish, french, chinese -at least Swedish would be good.

6.

there should be enough of original, new, unpublished, photos

7.

we should aim at top quality graphic design -the most beautiful book of the year

8.

the format would most likely be most beneficial in hard cover, with a cover on top, 250 pages, bigger than A4 size or else something different, even smaller -a pocketbook, cheap, for everyone?

9.

I would propose that the book would concentrate on people. Without the hard work, personal visions and missions of many personalities humankind would not have reached what it has reached today. Space industry is not about companies but people. People are fascinated by portraits painted by artists, statues sculpted by sculptors, photographs by professionals and cellphone photos taken by themselves. People love to read biographies. People love to watch stories of people on TV, from documentaries to soap operas and real-TV.

10.

Space is not only about astronauts -it is about engineers, scientists, business people, politicians -all who are also members of the Academy.

11.

Space endeavour is also about other kind of people, non-space people: taxpayers, factoryworkers and teachers, people in gas-stations and grocery-stores, mothers, grandmothers, people who pay their taxes and therefore invest in space sector -people who never travel anywhere, and who even hardly know what is done with their taxmoney, although taxpayers are the most important shareholders of the particular nation -the ones who feel they never profit anything from their taxmoney, but who enjoyed reading Jules Verne as a kid, or watching Maxwell Smart with his shoephone...or playing space games today.

12.

We could try to tell those who do not approve space research, who see it a waste of money and money, that it is important. We could encourage them to become important people as well. To encourage them to do their best what ever it is. To fight against global warming, to fight against injustice and hunger, lack of water, clean air. People can make a difference. The ones who have had little means, and little encouragement in life should be encouraged to try to contribute. Everyone counts.

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1.

EADS, Boeing, satellite communication -(wealthy) big companies should sponsor making the book -those who have profit most from the contracts by space agencies, or, who have made fortunes with space applications

2.

if the profits from the book would be given for charity -the ones who buy the book could feel they are contributing for common good, we could donate them for a specific purpose, or for fight against global warming, any common (space related) problem we face

3.

the stories on people could include not only success stories, but also 'sad' stories -those most common ones, where the poor engineer works hard all his life, while his innovation is stolen and others are making profits with it, or where the inventor sits in his remote village

and wonders why nobody calls to ask about his brilliant idea (I just recently read the biography for Oberth)... in fact engineering and space sector is anonymous, we know only a handful of names yet, we know names for star architects, artists, musicians, writers, astronauts but we do not know...who designed and contributed in design for the MIR, the ISS, and many other major accomplishments in the field.

4,

therefore I suggested the ideas also about documentaries and exhibits. If we concentrate on people, it should not be impossible to get in touch with Arte, TV5, discovery channel, and negotiate a documentary deal. The same applies with an exhibit at the National Air and Space Museum, or the National Portrait Gallery. A portrait of a person in a book, in a film or in an art gallery use the same material, only the format, media is different.

best regards

Päivi

End Quote

## **10. IAF History on Web Site**

Scott Hatton is responsible for most of the content of the IAF web site, and he has contacted us for ideas and possible support in preparing the IAF history section of the web site. At present this is a blank on the actual web site (except for the 2006 Valencia year) and Scott is asking for ideas on how to best structure these history pages and for definition of content for each of the IAF/IAC 60 years. The message from Scott is found as a quote here below.

**Each one of the members of the IAA History Study Group is asked to provide some ideas on how to best style these pages of history content, and last but not least WHO IS WILLING TO ACTIVELY SUPPORT THIS WORK WITH MATERIAL AND WRITING??**

Any one interested to work on this project in some way please send a short message with information on possible contributions to the IAA History Study Group lead, in order that we can give a coordinated and broad platform for support.

From Scott Hatton, IAF Web Site responsible, August 29, 2007:

Start Quote:

“We have, since the relaunch of the IAF website in June 2006, had pages dedicated to each Congress but I have had no content for this section - I have the 50 Years of the IAF book sitting on my shelf - a lot of the text can be reused for this project as nearly every IAF President wrote a personal account of their tenure for the book. But I know that out there is a lot of other content - photographs, text etc. Annie Moulin has a filing cabinet in Paris full of material she has collected and inherited and she has invited me to raid it!

I would quite like the section to take shape and become a recognised source for the history of space. I would not be able to dedicate a lot of my time to it every week but would build it longer term, slowly and methodically, item by item.

As for the layout and content focus, I was hoping that the IAF History Committee (and by extension the IAA Study Group) could help with ideas.

We have this page right now: <http://www.iafastro.org/index.php?id=101> which links to a blank page for each Congress - I don't feel it's not ideal way to organise the section or information but it's a start. I could for instance organise the info by topic as well as Congress. We could make the section searchable etc..

The Valencia pages from last year can be found here:

[http://www.iafastro.org/index.php?id=470&no\\_cache=1&tx\\_iafpiacs\\_pi1\[tt\\_previac\]=58](http://www.iafastro.org/index.php?id=470&no_cache=1&tx_iafpiacs_pi1[tt_previac]=58)

- they are too geared to the structure of that Congress and may not be a good template for others but it shows where we could go with this, working backwards. The IAA is helping the IAF put the Papers Archive back to the early sixties online - links to the best, groundbreaking papers could go here.

I'd love to get pages on the great happenings at IAC - an eyewitness account of the Sputnik announcement at IAC 1957 springs to mind.

And the 11 months 3 weeks of each year between each IAC – Congresses are important but I would like to show that the IAF is not simply an IAC organisation and works year-round.

As you may gather, we have a bit of a blank canvas here and ideas are needed.

best regards

Scott''

End Quote

## **10. Schedule of History Meetings for Hyderabad**

For Hyderabad the schedule of meetings is now firmed:

- Saturday September 22: Ev. IAA History Study Group 6.7 meeting (if low attendance anticipated it might be performed by e-mail in advance; Subject: Check of session's status)
- Tuesday September 25: History Plenary (09:00)
- Wednesday September 26: IAA History Study Group meeting (09:00 – 13:00)
- Thursday September 27: IAA History Symposium (am + pm)
- Friday September 28: IAA History Symposium (am)

## **11. IAA History Study Group Web Site**

**The IAA History Study Group web site is available under the section Study Groups of the IAA web site and contains all produced documents for your download.**

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