



# IAA HISTORY COMMITTEE

MEETING Monday 21 March 2016

9:00 - 12:00

Location: IAA building, 6 rue Galilee, 75116 Paris

## AGENDA

Dear friends, please find a proposed agenda for our next meeting in Paris:

Participants:

O. Liepack, J. Charles, P. Mouriaux, C. Lardier, V. Gomes, R. Liebermann, R. Rugescu, Susan McKenna-Lawlor

1) Welcome and agenda adoption

- Adopted

2) Minutes of meeting Spring Paris 2015

- Adopted

3) Status of Action Items.

- 50 years Moon Landing (Liebermann). During the discussion the following topics were suggested:
  - i. Randy is suggesting to have an event 2019: Heads of Agencies: their memories when they were children and their recollection of the Apollo 11 landing.
  - ii. Gomes: trying to bring in young people and how they relate to Apollo 11.

- iii. Rugescu: J-2 Pratt-Whitney Development, basis of Saturn V and how they lost and re-designed the drawings.
- iv. 2018: Liebermann is planning to do something with 2001.
- v. After a very fruitful and constructive discussion we came to the following conclusion: have a series of special sessions in the following years. Session title: "Can you believe they put a man on the moon?" Each year the following major topics should be covered, inspired by the Apollo 11 landing.
  1. **Social Impact:** covering Impact of Society; Social Aspects; Museum; Arts & Media (books, movies, music, paintings, sculptures).
  2. **Technology, Science:** cover also unknown key technologies, get in touch with company historian, agencies.
  3. **Unknown key people:** we develop a list of people and encourage committee to report on those. We should utilize JSC's Oral History Project (J. Charles will sample list).
  4. **Anecdotes:** we all know about the Apollo 11 landing stories, but do we know many anecdotes? People love anecdotes, this will make the presentation less dry.
  5. **Soviet Union:** we should not forget their contribution, and we should try to target presenters and solicit ideas to present their story.

Additional information:

- Youth, student papers: talk to the Education Committee to have students presenting in our session: Gomes
- Timeframe: 2017: 0.5 session (the other half is Australia's contribution), 2018: full session, 2019: full session
- Having an astronaut: have him/her as chair person for each year. This will attract more people.
- Liebermann will continue to coordinate this series with the help of the committee, especially with Gomes and Charles.

4) History of Astronautics Symposium 2016, 2017, 2018

- **IAC 2016 Guadalajara (50th History Symposium)**

Coordinators:

Chair: C. Rothmund

Co-chairs: A.I. Skoog, O. Liepack

Volume editor: C. Rothmund

Session 1 “Memoirs and Organizational Histories”

Co-chairs: R. Rugescu, M. Freeman, N. Reinke

Rapporteurs: H. Moulin, T. Pirard

Session 2 “Scientific and Technical Histories”

Co-chairs: C. Rothmund, K. Dougherty

Rapporteurs: W. Jones, P. Jukola

Session 3.1: “History of Mexico and Latin America’s Contribution to Astronautics”

Co-chairs: O. Liepack, Pablo deLeon (deleon@space.edu)

Rapporteurs: J. Harlow + C. Lundquist

Session 3.2: 50<sup>th</sup> Anniversary of IAA History Symposium

Co-chairs: I. Skoog + C. Hall

Rapporteurs: J. Harlow + C. Lundquist

- **IAC 2017 Adelaide (51st History Symposium)**

Coordinators:

Chair: C. Rothmund

Co-chairs: A.I. Skoog, O. Liepack

Volume editor: K. Dougherty

Session 1 Memoirs and Organizational Histories:

Co-chairs: M. Freeman, N. Reinke

Rapporteurs: H. Moulin, J. Charles

Session 2 Scientific and Technical Histories:

Co-chairs: C. Rothmund, R. Rugescu

Rapporteurs: W. Jones, P. Jukola

### Session 3.1: History of Australia's Contribution to Astronautics

Co-chairs: O. Liepack + K. Dougherty  
Rapporteurs: J. Harlow + C. Lundquist

### Session 3.2: "Can you believe they put a man of the moon?"

Co-chairs: J. Charles + V. Gomes  
Rapporteurs: I. Skoog + O.Liepack

#### 5) Status of Proceedings, I. Skoog

- After the issue of the 2011 proceedings (Volume Editor Liepack) in December 2014 the Editorial Group managed to get two more proceedings out 2015:
  - a) - 46th Symposium in Naples 2012 (Volume Editor Reinke) in March 2015. 24 papers.
  - b) - 47th Symposium in Beijing 2013 (Volume Editor Erickson) in December 2015. 13 papers.
  - c) The 48th Symposium in Toronto 2014 (Volume Editor Freeman) is on its way to print and will be published in April 2016. 17 papers plus obituaries for Fred Ordway and Vladimir Kopal and the Almar interview on DVD.
  - d) The 49th Symposium in Jerusalem 2015 (Volume Editor Inbar) is planned for publication in September 2016. 16 papers plus the obituary for Fred Durant.

**Thus we have now been able to finally recover from an eight years delay in publication to a volume printed in less than a year after a symposium and before the very next symposium!**

A second volume of the IAA History Papers Index book for 2001 - 2016 is planned for 2017 (Volume Editor Hervé Moulin). Hervé is working on this manuscript now and preliminary layout done.

#### 6) NEW Study Group: « History Paper Index » which covers the History Symposia period from 2001 to 2016 (Moulin).

- A second volume of the IAA History Papers Index book for 2001 - 2016 is planned for 2017 (Volume Editor Hervé Moulin). Hervé is working on this manuscript now and preliminary layout done.

## 7) 50th Anniversary of the IAA History Symposia, 2016

A detailed check of availability of organizers, chairs and/or authors from the very first five symposia (1967-1971) resulted in a not quite unexpected result. Only some 5 persons (Hall, James, Skoog, Winter and ?) in the West are still alive and probably one or two in the East. An obvious participant for the session, Fred Ordway, we lost just one and a half years ago, after the start to organize this special 50th session.

Initial ideas to organize a half session were with

- Paper on history of organization, conduct, persons and results from 50 years, and
- Paper on the start and history of the proceedings over 50 years, mixed with one or two
- Papers on the personal experience of the participating in symposiums in the 60's and 70's compared with today.

Unfortunately the proceedings paper planned by Hervé Moulin can not be prepared due to health problems. And no abstracts for papers on personal memoirs from participants in early History Symposia have been submitted.

First one paper has been proposed by Skoog/Hall "FIFTY YEARS OF IAA HISTORY SYMPOSIA (1967 - 2016)". Both authors were participating and presenting papers in the very first symposia and Hall was the volume Editor for the proceedings 1969-1972. Note that it has been agreed with Hervé Moulin to include the proceedings history in this paper.

Additionally another paper has been proposed by Jung "50 Years of History of Astronautics Symposium".

Also, we are planning to show pictures of the last 50 years History Symposium. Please mail the your favorite pictures to [oliepack@jpl.nasa.gov](mailto:oliepack@jpl.nasa.gov). We are planning to add the best pictures to the proceedings, so please add dates and the people's names either in a separate file or as part of the file name.

## 8) Election of new chairperson, co-chair and secretary

As expected, the current chairmanship was passed on to C. Rothmund. Potential co-chair and secretary have not been selected, this task which will be done at the IAC 2016 in Mexico.

- Christophe Rothmund
- Co-Chair: TBD
- Secretary: TBD

## 9) Go around the room

- Gomes is working on social media aspects and how to promote History Committee's sessions. She will set something up
- It was reported that P. Jung decided to leave the committee. His contribution to the committee was widely recognized and his decision to leave regretted.

## 10) Status of history activities

- two books from French Agency:
  - i. "50 years French-Russian Cooperation (50 Ans De Cooperation Spatiale France-URSS/Russie)
  - ii. History of Optical and Radar Satellites in Europe (Observation Spatiale De La Terre)
- Liebermann: was able to get "Daily Journal" of v. Braun
- J. Charles:
  - Neutral buoyancy paper concerning Samuel G. Mattingly, unknown key person. Practicing for space under water: inventing neutral buoyancy training, 1963-1968.
  - Michael J. Neufeld and John B. Charles. Endeavour V39 N3-4, Available online 15 July 2015. Neufeld presented it in Jerusalem
  - Sorokin invited me to present same topic (methods of underwater training of astronauts at NASA) during B3.5 (Astronauts') session in Guadalajara.
  - U.S. Air Force Manned Orbiting Laboratory program, 1963-1969. Declassified October 2015.
  - Thirty Days In A MOL: Biomedically-Relevant Aspects of Reconnaissance Mission Inferred From Orbital Parameters. John B. Charles & Daniel R. Adamo. QUEST 22:1 2015.
  - In 2013, I bought 35 paintings of MOL activities by Neil Jacobs, deceased McDonnell-Douglas artist. 3 exhibitions locally so far. Available at: [www.AstroCryptoTriviology.com/mol-art](http://www.AstroCryptoTriviology.com/mol-art)
- V. Gomes is asking for 1975 Lisbon pictures, press information

11)Next meeting: one meeting in Guadalajara.

Additional information received after the meeting:

**J. Charles:**

Some additional thoughts re: the 50th anniversary theme, "Can you believe they put a man on the moon?"

The theme suggests a type of organization of the content, either during 2019 or across 2017, 2018 and 2019:

Can you believe...

- culmination of centuries-long dream
- address hoax theories

...that they...

- US aspects
- Soviet aspects

...put a man...

- JFK promise
- "men only" in 1960s for technical, political and societal reasons, but more equality now (I suspect the next NASA astronaut to step on the Moon will be a woman--just my guess)

...on the Moon?

- Moon seems providentially provided as humanity's stepping stone into deeper space, a training ground so-to-speak
- the epitome of the impossible up until then
- a stretch goal for 1960s technology