



IAA HISTORY COMMITTEE
MEETING Thursday 24 October 2019
12:15 - 14:45
Location: IAC 2019, Washington DC
Meeting Minutes

Participants:

S. Doyle, V. Miller, K. Dougherty, B. Jirout, H. Mayer, K. Rohrwild, F. Winter, O. Liepack, P. Jukola, R. Liebermann, G. James, M. Freeman, T. Inbar, O. Zhdanovich, M. Gruntman, T. Park, S. Fouse, G. Loureiro, M. Ciancone, J. Charles, I. Farquhar, P. deLeon, K. Carroll

Telecon:

B. Barry

Excused:

J. Becklake, I. Skoog, G. Schwehm, S. McKenna-Lawlor, S. Häuplik-Meusburger, R. Goodwin, N. Reinke, R. Malina, R. Sturdevant, R. Tillman, V. Gomes, A. Erickson, R. Rugescu, P. Cosyn,

1) Welcome and agenda adoption

- a. Approved

2) Minutes of the meeting IAC Bremen 2018 and spring meeting 2019

- a. Approved

3.1) 50 years Moon Landing

Apollo Anniversary Study Group Report

Will end the anniversary with session 3."Can you believe they put a man on the Moon?". Next year we will go back to our usual three sessions:

Session 1: Memoirs & Organizational Histories:

Session 2: Scientific and Technical Histories

Session 3: Contribution of Host Country

Thanks to all who contributed to this series, which ended with a great session covering all areas of the Apollo project.

3.2) Status of 2019 Abstracts

- Conduct of Session:

No Paper – No Podium AND No Publication!

This is a mandatory and general rule for our Ctee since some 30 years and for IAC since 15 years!!! (Not uploaded papers result in immense problems for the publication, and is a no-go!) **Session Chairs to strictly control and obey!**

- Report forms:

1. Session Chairs/Rapporteurs to copy all sheets for Ctee chair!

2. Make at least 2 better 3 recommendations for Acta Astronautica (**incentive for good paper!**)

4) History of Astronautics Symposium 2019, 2020, 2021

ACTION TO ALL: please go through the list and make corrections if necessary.

SESSIONS

Title	Date	Room
1. <u>Memoirs, Organizational, Scientific and Technical Histories</u>	2019-10-21 15:00	147B
2. <u>History of US Contribution to Astronautics Post WWII</u>	2019-10-23 14:45	147B
3. <u>“Can you believe they put a man on the moon?” The Apollo Program.</u>	2019-10-24 14:45	147B

IAC 2019 Washington (53rd History Symposium)

Coordinators:

Chair: K. Dougherty

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

Volume editor: O.Liepack

Session 1: Memoirs, Organizational, Scientific and Technical Histories:

Co-chairs: M. Freeman, S. Häuplik-Meusburger

Rapporteurs: K. Rohrwild, M. Ciancone

Session 2: History of US Contribution to Astronautics Post WWII

Co-chairs: O. Liepack + K. Rohrwild

Rapporteurs: R. Tillman+ R. Rugescu

Session 3: “Can you believe they put a man on the moon?”

Co-chairs: J. Charles + V. Gomes

Rapporteurs: C. Rothmund + H. Mayer

IAC 2020 Dubai UAE (54th History Symposium)

Coordinators:

Chair: K. Dougherty

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

Volume editor: Sandra Häuplik-Meusburger

Session 1: Memoirs & Organizational Histories:

Co-chairs: M. Freeman, N. Reinke
Rapporteurs: P. Cosyn, I. Farquahr

Session 2: Scientific and Technical Histories

Co-chairs: J. Charles + V. Gomes
Rapporteurs: C. Rothmund (?)+ H. Mayer (?), S. Häuplik-Meusburger

Session 3: History of Middle Eastern Contribution to Astronautics and Astronomy

Co-chairs: O. Liepack + TBD. Liepack in talk with UAE representative
Rapporteurs: K. Dougherty + R. Rugescu, R. Tilman (?)

Session Description:

Session 1 Memoirs & Organizational:

Autobiographical & biographical memoirs of individuals who have made original contributions to the development & application of astronautics & rocketry. History of government, agencies, industrial, academic & professional societies & organisations long engaged in astronautical endeavors. This will include the entire spectrum of space history, at least 25 years old

Session 2 Scientific and Technical Histories

The symposium will cover the history of space science, exploration, innovation & technology. Furthermore reflection on the cultural, socio-political impact are parts of it. This will include the entire spectrum of space history, at least 25 years old.

Session 3 History of Middle Eastern Contribution to Astronautics and Astronomy:

Technical session with invited & proposed speakers. Origin (technical & political, science and social aspects) of the space activities & programs in the Middle East. This will include the entire spectrum of space history, at least 25 years old.

IAC 2021 Paris, France (55th History Symposium)

Coordinators:

Chair: K. Dougherty
Co-chairs: A.I. Skoog, O. Liepack
Volume editor: G. Schwehm

Session 1 Memoirs:

Co-chairs: M. Freeman, N. Reinke, M. Ciancone
Rapporteurs: P. Cosyn, R. Rugescu

Session 2: Organizational, Scientific and Technical Histories

Co-chairs: J. Charles + V. Gomes
Rapporteurs: C. Rothmund (?)+ H. Mayer (?), S. Häuplik-Meusburger

Session 3: History of France's Contribution to Astronautics

Co-chairs: O. Liepack + Louis Laidet (first contact established)
Rapporteurs: K. Dougherty, N. Tinjod

5) Status of Proceedings, I. Skoog

- Status of Publication of Proceedings:

Last book published was Volume 49 Index Book 2 (2001-2016) in October 2018. 2017 Proceedings (Volume 50) now >20 months late! Due to personal problems the assigned Volume Editor could not complete the work and last summer Mike Ciancone volunteered to handle this volume. He has now collected all material and the manuscript is due before years end. Publication mid spring 2020. 2018 Proceedings manuscript is in preparation by Hannes Mayer, the Volume Editor, and we expect the manuscript to the Series Editor before end of 2019. Publication as Volume 51, after the 2017 Proceedings.

- Future of Publication of the Proceedings:

As reported last year Dr. Jacobs of Univelt will in a not too far future reduce his publication activities and he is presently looking for an alternative to take over the Univelt Inc. business. As the publication of our IAA History Symposia Proceedings is not the very best selling business we might face a termination. Latest news on this from Mike Ciancone : AAS is looking for alternatives.

6.) New media discussion

Facebook statistics

1133 Followers

2000 viewers on average a month

Please share your IAC pictures with Hannes and Vera. Pictures will be posted on our Facebook page, which has a lot of interesting material.

<https://www.facebook.com/HistoryCommitteeIAA>

7.) Post Washington tour:

- b. Dinner: Lieberman scheduled on October 24, 2019 at 7:00 pm (19:00).
- c. Post DC tour: A visit of the Udvar Hazy had to be cancelled because of schedule conflicts.

8.) New members:

We would like to welcome our new members

- Kieran Carroll (Canada)

Aerospace engineer, with a Bachelor's (1982), Master's (1985) and Ph.D. (1992) from the University of Toronto's Institute for Aerospace Studies (UTIAS), in Peter Hughes's Spacecraft Dynamics and Control Group. Ph.D. topic was in the general area of dynamics and control of flexible spacecraft. - In 1983, co-founded the Canadian Space Society, Canada's version of the NSS, to carry out space advocacy in Canada. Since 2005, have been working at Gedex (also Toronto-area), a small geophysics exploration company. Email address K.A.Carroll@sympatico.com

- Stephen Doyle (USA)

Steve Doyle is a retired attorney with several carrier paths: 15 years of federal civil service in 5 separate agencies including 3 years as Deputy Director of Int'l Affairs at NASA; 15 years with Aerojet Liquid Rockets Division in Sacramento, CA as manager and Director; and 20 years as co-founder and officer, including 3 years as President, of Clean Energy Systems, Inc. of Rancho Cordova, CA. An Honorary Director of the IISL, and member and past Chairman of the AAS History Committee. See details at www.stephenedoyle.com
Email address: sedoyle7@sbcglobal.net

- Viva Miller (USA)

Viva Miller is a licensed attorney where she is on detail with the National Aeronautics and Space Administration (NASA) – Goddard Space Flight Center. She is working as a technology manager and manages a technology portfolio for new technology reporting, licenses and partnerships. She is on detail from the United States Patent and Trademark Office, where she is Primary Examiner that examines applications in Computer Software Development, Installation and Management as well as applications in Arithmetic Processing and Calculating. She has a Bachelor of Science in Applied Mathematics from the College of William and Mary as well as a Masters of Engineering Management from Duke University and a JD from Rutgers University. She has worked in the technology transfer offices of Duke University, New Jersey Institute of Technology and Old Dominion University. When not working in the exciting world of patents, Viva enjoys swimming, hiking, pro bono legal work as well as teaching computer classes in the community and rooting for Duke Basketball (don't hold that against her).
Email address: vivamiller@gmail.com

- Brian Jirout (USA)

Brian Jirout is Historian and Archivist at The Boeing Company. Jirout received his Ph.D in History of Science and Technology from Georgia Institute of Technology completing a dissertation on the history of the NASA/USGS Landsat earth observation satellite program. Brian has previously taught history at Georgia Tech and the University of South Carolina and held fellowships from

the Smithsonian National Air and Space Museum and the American Historical Association's Fellowship in Aerospace History. Brian's published work has appeared in *NASA Spaceflight: A History of Innovation* and *Quest: The History of Spaceflight Quarterly* and has curated museum exhibits on the history of spaceflight and planetariums.
Email address: brian.jirout@boeing.com

- Parker Temple III

Forty + years of program management, execution, software and systems engineering, policy and systems analysis in national defense and national security air and space programs. Recipient of numerous awards. Demonstrated skill and extensive experience working with the following organizations: National Reconnaissance Office, Intelligence Community; NASA, Departments of Transportation, State, and Commerce; Office of the Secretary of Defense and Military Services. Proven record in policy formation, technology assessment, program initiation, management and execution.
Email address: lptemple@erols.com

To ensure that we will cover all of the major space fairing countries, we should try to invite colleagues from: India, China, Japan, Russia, Ukraine.

9) Go around the room

- Rohrwild reports that he had a talk with the IAF office about potential reduced conference fees. This could be applicable for certain participants, but it needs further discussion with the IAF office.

10) Status of history activities

- Ciancone reports on behalf of Giovanni Caprara (Science Editor of the *Corriere della Sera* in Milano (Italy) who is the author of many books on Italian spaceflight and its history

One thing could be the reporting of the birth at the Milan Polytechnic, Department of Aerospace Sciences and Technologies (the largest in Italy) of the first course in History of Space Exploration in Italy, born on my proposal and held by me. Furthermore, with the University of Padua we are making a publication on the Italian aerospace history (English edition) of the last decades with various contributions regarding diplomacy, aeronautics and space (which I write). Finally, by the end of the year, the English edition of my book "Italian History of Space" will be released with Springer, the first one made in Italy and starting from the XIVth century up to today.

- HAEUPLIK-MEUSBURGER: I am looking forward to 'The Italian History of space' and hope it will include the 'italian way' of designing spaces and equipment (the never realized habitation module for the ISS, long work on the Columbus module, the cupola design, and the 'italian way' of living (drinking Italian espresso on-board the ISS) ... Together with the psychologist Sheryl Bishop, I am finalizing a book on 'SPACE HABITABILITY', which will be published by Springer early next year. It

summarizes past studies and experiences on Habitability and ICE (isolated and confined environment) architecture, and outlines possible applications for future habitation. There is one chapter in the book that includes statements from people that have either experienced and/or observed living in an ICE. If you are interested to participate in that survey, please send me a short email.

11)Next meeting: one meeting on 23.March, 2020 in Paris 9:00 until 12:00

12)Interested in joining the History Committee, vote in 2020

- Doug Millard
- Giovanni Caprara
- Prof. Mai'a K. Davis Cross
Edward W. Brooke Professor of Political Science
-

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Meeting: IAA History Committee

Washington DC, USA

Date : Thursday 24 October 2019

12h30-14h30

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