



IAA HISTORY COMMITTEE
MEETING Monday 26 March 2018

9:00 - 12:00

Location: IAA building, 6 rue Galilee, 75116 Paris

Meeting Minutes

Participants:

H. Mayer, G. Schwehm, V. Gomes, P. Messina, K. Dougherty (via Skype), R. Rugescu, O. Liepack, C. Rothmund, R. Liebermann, S. McKenna-Lawlor, G. Schwehm, S. Fouse, S. Häuplik-Meusburger, N. Tinjod, C. Lardier, V. Gomes

Excused:

R. Godwin, I. Skoog, P.-F. Mouriaux, N. Reinke, , D. Elder, R. Sturdevant, M. Freeman, M. Ciancone, J. Charles, R. Malina, P. Cosyn, O. Zhdanovich, I. Farquhar, P. Jukola

1) Election of new members

- a. Scott Fouse: scott_fouse@me.com
- b. Sarah Häuplik Meusburger: haeuplik@hb2.tuwien.ac.at

New members introduced themselves. All attendees voted in favor of accepting the nomination.

Scott, Sarah: welcome to the IAA History Committee

2) Going around the room

- a. Introduction of attendees

3) Welcome and agenda adoption

- a. Agenda was adopted, election of new members was added

4) Minutes of the meeting IAC Adelaide 2017

- a. Minutes were approved

5) 50 years Moon Landing

- a. Not that much has happened and committee members are encouraged to contact industry, academia, etc per table in Appendix A. Information should be send to Liepack.

6) History of Astronautics Symposium 2018, 2019, 2020

- a. 2017 proceedings are in work

IAC 2018 Bremen (52nd History Symposium)

Coordinators:

Chair: K. Dougherty

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

Volume editor: H. Mayer

Due to the large number of abstracts, we had to change the session titles and combine/split sessions.

Session 1 Memoirs and Organizational Histories:

Co-chairs: M. Freeman, N. Reinke

Rapporteurs: R. Tilman, M. Ciancone

Session 2: Scientific and Technical History

Co-chairs: N. Tinjod + KH. Rohrwild

Rapporteurs: J. Harlow + R. Rugescu

Session 3A: Germany's Contribution to Astronautics Post WWII

Co-chairs: O. Liepack + Gomes

Rapporteurs: K. Dougherty + P. Messina

Session 3B: "Can you believe they put a man on the moon?"

Co-chairs: J. Charles

Rapporteurs: C. Rothmund + H. Mayer

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, N. Reinke
Rapporteurs: K. Rohrwild, M. Ciancone

Session 2: History of US Contribution to Astronautics Post WWII

Co-chairs: O. Liepack + K. H. Rohrwild
Rapporteurs: J. Harlow + 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: C. Rothmund

Session 1 Memoirs, Organizational, Scientific and Technical Histories:

Co-chairs: M. Freeman, N. Reinke
Rapporteurs: K. Rohrwild, M. Ciancone

Session 2: History Middle Eastern Contribution to Astronautics Astronomy

Co-chairs: O. Liepack + K. H. Rohrwild
Rapporteurs: J. Harlow + 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

7) Status of Proceedings, I. Skoog

- a. Status Proceedings: The 2016 History Symposium Proceedings were published end last year. The next volume to come is the Index Book 2 (2001-2016) by mid 2018. The 2017 proceedings from Adelaide will be published this autumn. Volume editors for 2018, 2019 and 2020 have been named.
- b. E-publication discussion
 - i. Adopt alternative A:
 1. A full hard copy version, along with the full volume on CD in PDF format (combined version). Price ~ \$ 95.
 2. A CD-only version (The CD version would be the peer reviewed and copy edited version of the papers in a PDF book format). Price \$ 50 - 60.
 3. Sale of individual available papers in PDF format (from CD-version) via listing on Univelt web site. Price ~ \$ 18.
 4. Sale on demand papers 1967-1997 via Univelt web site (to be scanned).
 - ii. Further suggestions:
 - To ensure that we are going to reach more interested parties, it was suggested that the first pages of each paper should be made available through social media, e.g. our own Facebook page.
 - CDs are going to be obsolete in the near term future, so it is suggested to provide papers as downloadable files, e.g. pdf.
 - Sandra: solicited article (forward) of our proceedings in social, such as Room and Quest, Starmus and others: please submit names and contacts for these social media providers

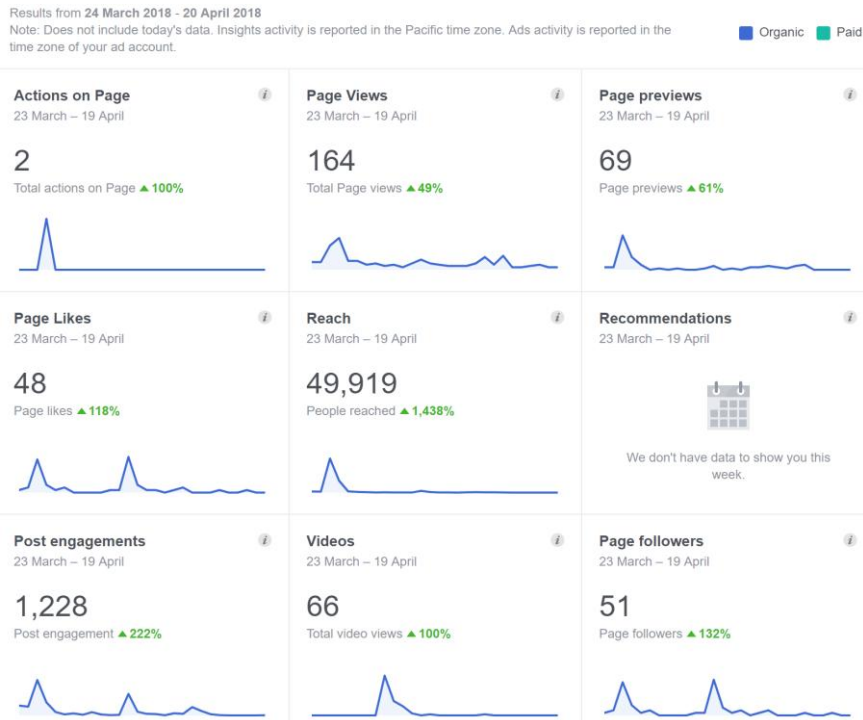
8) New media discussion

a. Facebook status

Vera & Hannes administer page

Reach: 49919 people

Followers: 1566



b. Teleconference possibilities

- i. We have used Skype for the first time during a meeting and it worked very well.
- ii.

9) Post Bremen tour:

a. Peenemünde, Luftwaffenmuseum Gatow

- i. Liepack will get in touch with both places. The plan is to leave Bremen Saturday morning, to attend a tour in Peenemünde the same afternoon, followed by night on the island Usedom. Leave Sunday morning to Berlin, attend a tour in Gatow at 13:00/14:00.
- ii. Similar to 2003 visit, we will car pool, which has to be organized.
- iii. Liepack will get accommodation for the night of Saturday to Sunday
- iv. Other IAA members might join us on this tour.

10)Go around the room, AOB

- a) The last sentence of invitation letter to IAA History Committee was not clear and Liepack was asked to have it clarified. "I understand that this mandate engages me to support in the future the willingness of the Academy to remain independent from any other organizations."

Answer from IAA office: : »My understanding is that it is just a reminder from the IAA Board of Trustees' position to keep the Academy as an independent organization. You should ask Jean-Michel if you want a more detailed information on this."

- b) Should the History Committee organize a Plenary Discussion at the IAC in Washington?

If we would do this, we have to either organize an event by ourselves or we could help the LOC with their activities.

Action Item Liepack: contact LOC (V. Boles)

Action Item All: think about potential plenary event. Especially Barry and Launius are asked to provide some input here.

- c) Has anybody heard from Richard Fisher? The email we have on file is bouncing.

11)Status of history activities

- a. Ran out of time

12)Next meeting: one meeting in Bremen.

Looking forward to see you!

Appendix A:

Organization to contact	Venue	Output	POC	Status
LOC	DC	Inquire what are they doing	Charles	
NAL	Bremen, DC	Papers, Participation	Charles	
ASMA, incl. Europeans	Bremen, DC	Paper, Participation	Charles	
Russian Papers Siddiqi	Bremen, DC	Paper	Charles	
ASE, Dunbar	Bremen, DC	Paper	Charles	
LMA	Bremen, DC	Paper	Liepack	Done, contacted Scott Fous who will investigate further
Boeing	Bremen, DC	Paper	Tillman	
NGST	Bremen, DC	Paper	Tillman	
Moonvillage	Bremen, DC	Paper, future coordination	Gomes	Done, contacted and they submitted papers
ILC, Hamilton Standard, David Clarke	Bremen, DC	Paper, maybe artefact	Charles	
Rocketdyne, Mahone	Bremen, DC	Papers	Liepack NEW : HARLOW	
U. Hazy, Virginia Space Museum	DC	Papers	Tillman	
Russia	Bremen, DC	Papers	Tinjod, Tillman	
Aerojet	Bremen, DC	Papers	Tillman NEW : HARLOW	
Duane Day	Bremen, DC	Promotion, Participation	Charles	
ESA History	Bremen, DC	Paper	Tinjod	
NASA-HQ MSFC	DC	Paper	Liepack	

Johannes Geiss	Bremen		Schwehm	Geiss is not able to travel any longer.
----------------	--------	--	---------	---

Appendix B:

Our IAA committee member Ingemar Skoog received the “IAF Distinguished Service Award” for his IAF work.

“For half a century of dedicated work for IAF and participating in most facets of its activities.”



Appendix C:

New member:

Scout Fouse



**Scott Fouse, Vice President
Advanced Technology Center (ATC)
Lockheed Martin Space Systems Company**

Scott Fouse recently retired from his position as Vice President of the Advanced Technology Center (ATC Labs) at Lockheed Martin Space. In this role, he was responsible for leading an organization of approximately 500 scientists and engineers performing programs in space science and related R&D in adjacent markets. The ATC Labs mission is to provide technology discriminators to Lockheed Martin Space lines of business impacting the success of programs totaling more than \$8B annually. The ATC portfolio covers a diverse set of technologies including space and astrophysics, phenomenology and sensors, optics and electro-optics, telecommunications and photonics, guidance and navigation, modeling and simulation, materials and structures, thermal sciences, and nanotechnology. His responsibilities included nurturing the ATC workforce across this rich technical portfolio, and sustaining and growing the organization's capabilities and reputation as a center of excellence in these domains.

Prior to that role, Scott served as Lockheed Martin Corporation's Director of the Advanced Technology Laboratory (ATL) located in Cherry Hill, New Jersey which is a group of about 220 researchers. Previous to this role he was Chief Technology Officer (CTO) of ATL. In this position he managed the Internal Research activities and was liaison to the Lockheed Martin business units as well as the corporate staff. He was also member of the Air Force Scientific Advisory Board from 2003 to 2007. In that position, he supported a number of studies and also chaired a study on Experimentation to support Disruptive Innovation. Before coming to Lockheed Martin, Scott was President and CEO of ISX Corporation, a 50 person company that specialized in creating and transitioning advanced IT systems to operational use. Scott was a leader in the DARPA Command Post of the Future project, which created a significant advance in C2 Systems and was the primary C2 system for Iraq at the Corp. Division, Brigade and Battalion echelons. Since 1985, Scott has been working closely with DARPA and operational military groups to develop advanced concepts

for intelligent systems in a wide variety of military domains. These domains include intelligent avionics, transportation logistics, air campaign planning, battlefield healthcare, and battlefield information dissemination. A common theme within these activities is the blend of data analytics and the human-systems interaction.

From 1983 to 1985, Scott was Technical Director for Aptech Imaging Inc., responsible for real-time radiographic inspection system and support of ongoing image enhancement services. From 1976 to 1983 he was a Senior Project Engineer in the Hughes Research Laboratories Exploratory Studies Department. There he developed an AI-based signal processing workstation and a scrip-based classification system. He also participated in the design of a multi-processor image processing system that allowed for SIMD and MIND processing, and development format translation software for Hughes very high-speed integrated circuit (VHSIC) computer-aided design (CAD) systems.

Scott has a BS in Physics from the University of Central Florida, and a MS in Electrical Engineering from the University of Southern California.

International Academy of Astronautics

BP 1268-16, F-75766 Paris Cedex 16, France

Phone: 33 1 47 23 82 15, Fax: 33 1 47 23 82 16, E-mail: sgeneral@iaamail.org

<http://www.iaaweb.org>

Meeting: History Committee

Paris, France

Date : Monday 26 March 2018

09h00-12h00

NAME	FIRSTNAME	SIGNATURE	EMAIL
Liepadk	Otfrid		otfrid.liepadk@jpl.nasa.gov
ROTHMUND	christophe		christophe.rothmund@ariane.group
RUGESCU	RADU		rugescu@yahoo.com
LIBERMAN	RANDY		lunarcity@aol.com
Mc Kenna Zander	Suzanne		stl@mu.ie
Schwehm	Gerhard		gerhard.schwehm@gmail.com
Fouse	Scott		scott.fouse@me.com
HÄUPLIK- MEUSBURGER	SANDRA		haeuplik@hb2.tuwien.ac.at
TINSOD	Nathalie		nathalie.tinsod@saint

NAME	FIRSTNAME	SIGNATURE	EMAIL
MESSINA	Piero		piero.messina@univ-gaz.fr
MAYER	Hannes		hannes.mayer@univ-gaz.fr
Lardier Christian	✓		christian.lardier@orange.fr
Gomes	Verze		verze.gomes@gmail.com