

HUDEP 2017

PROGRAM VERSION 2H

14. NOV. – DAY 1

13:00 Registration

14:00 ESA, IRIT, Airbus: « HUDEP Tutorial” (C. Preyssl, Ph. Palanque, J.P. Blanquart)

16:00 Discussion

15. NOV. – DAY 2

08:00 Registration

09:00 ESA: Opening (B. Schade)

09:15 ESA: Workshop Introduction (C. Preyssl)

Session 1 - HF in design: for existing systems

Chair: Regina Peldszus & Philippe Palanque

09:30 NASA: "Using Life-Cycle Human Factors Engineering to Avoid Costs: Lessons Learned from NASA's Human Factors Verification Process for Space Payloads" (R. Ellenberger)

10:00 ADS France : “Ensuring Operations for Remote Manned Space Systems” (J.P. Blanquart, A. Getimis, S. Knoefel)

10:30 Coffee break

10:45 Thales Alenia Space, Italian Quality Association Piedmont: “Human Error Management Initiatives in Italy” (M. Ferrante)

11:15 ESA: “Flexhab, a manned surface operations testbed for EAC” (Th. Dijkshoorn)

11:45 ESA: “Clusterweb: A Platform for Fleet Activity Management and Enhanced Situational Awareness in the Control Room” (B. Sousa)

12:15 OHB: “Human Factor in Design and Development Phases” (A. Guidi, S. C. Gonzalez)

12:45 Discussion



13:00 Lunch Break

Session 2 - HF in design: for future systems

Chair: Gerd Soellner & Mario Ferrante

14:00 Polytechnic of Turin: "Human Error Management on Engineer Graduate Training at Polytechnic of Turin" (S. Corpino)

14:30 EDF: "HF Consideration in the Feasibility Study Phase of an Ambitious Future Nuclear System" (St. Couix)

15:00 ESA: "Rover and Astronaut Interactions on Lunar Surface: the shared MARVIN Project between EAC and ESOC" (T. B. Rinnan, M. Costantini)

15:30 Coffee break

15:45 ADS France, ESA : "CFDA-II for Future Space Projects" (J.P. Blanquart, C. Preyssl)

16:15 DLR: "Human Factors Considerations for Advanced Space Situational Awareness Capabilities" (R. Peldszus)

16:45 IRIT: "Safety-Critical Automation - Aircrafts, Autonomous Vehicles, Air Traffic Management and Satellite Ground Segments Perspectives" (C. Martinie, Ph. Palanque)

17:15 Discussion

19:00 Dinner

16. NOV. – DAY 3

Session 3 - HF in ground integrations / validations

Chair: Riccardo Accossato & Eric Mourembles

09:30 Mars Planet Research and Innovation: "Habitability and Human Performance in Space" (A. Del Mastro)

10:00 CNES: "AIT - HF Considerations & Practices - Contribution of New Technologies e.g. Digital Documentation, Virtual Reality, Augmented Reality" (G. Lamy)

10:30 Thales Alenia Space: "Human Error Management - From Space Station to Realization and Integration of Space Programs" (M. Ferrante)

11:00 DLR: "Usability Testing and User Interface Design for Voice Systems" (M. Töpfer)

11:30 Coffee break

11:45 VTT: "Integration of Human Factors Engineering in NPP Life Cycle: A Case of Developing HFE Process for Control Room Upgrades" (H. Koskinen)

12:15 ADS France: "Importance of Cognitive Aspect for Ground Procedure Improvement" (E. Duilhe Lecorre)



12:45 Discussion

13:00 Lunch Break

Session 4 - HF in operations

Chair: Gerard Galet & Markus Töpfer

14:00 Italian Space Agency: “Italian Space Station Experiments: Risks and Human errors” (R. Carpentiero)

14:30 DLR: “System Engineering for Satellite Operations” (A. Spörl)

15:00 CNES, ETHOSPACE: “Feedback after a 1st Ethology Experience” (G. Galet, C. Tafforin, S. Michel)

15:30 Coffee break

15:45 DLR GfR: „What is Coming and How to Deal with it? - Upcoming Project Activities from Human Factors Point of View” (S. Schubert)

16:15 ESA: “Reduce Human Dependability in a “Pure” Human Centred System” (U. Weissmann)

16:45 EUROCONTROL: “Eurocontrol Human Factors in Operation: Support to Regulations and Development of Best Practices” (F. Drogoul)

17:15 **Round Table Discussion**

Panel: Gerd Soellner, Pedro Duque, Gerard Galet, Mario Ferrante, Luigi Bianchi, Alfio Mantineo, Regina Peldszus, Jean-Paul Blanquart, Saul Castro Gonzalez, Andrea Guidi

Closing