



FIRST MOON LANDING



50th Anniversary Symposium • 29 May 2019

Technik Museum Speyer - Space Exhibition „Apollo and Beyond“

Special Guest: Charlie Duke - Apollo 11 CapCom & Apollo 16 Moonwalker



Presentation: **Patrick Neelmeier**

- 9:00 Welcome: Rolf Henke, Walther Pelzer, Hermann Layher, Gerhard Daum, Rolf Janovsky
- 9:30 **Lea-Melissa Vehling** - From Nazi Scientists to Space Flight Heroes: The Rise and Fall of the 'Paperclip Boys'
- 9:55 **Alexander Basilewski (IKI Moscow) / Lev Zeleniy (IKI Moscow)** - Soviet Studies of the Moon in the 1960s-70s: Ambitions and Results
- 10:20 **Charlie Duke (NASA ret.)** - Apollo 11 - First Moon Landing and my Adventure with Apollo 16
- 11:05 *Coffee Break*
- 11:30 **Jürgen Schlutz (DLR) / Ernst Messerschmid (Uni Stuttgart)** - Astronautics and Exploration: A European Perspective
- 11:55 **Philippe Schoonejans (ESA)** - Lunar Gateway and European Contributions
- 12:20 *Lunch Break*
- 13:20 **Harald Hiesinger (Uni Münster)** - The Geology of the Moon: Key for Understanding Early Earth
- 13:45 **Martin Knapmeyer (DLR)** - The Interior of the Moon
- 14:10 **Ralf Jaumann (DLR)** - Going Far and Deep in Exploring the Moon: The Unanswered Questions
- 14:35 *Short Break*
- 14:45 **Panel Discussion: Why Human Lunar Exploration?**
Presenters: **Reinhold Ewald (Uni Stuttgart), Patrick Neelmeier**
Panelists: **Charlie Duke (NASA ret.), Harald Hiesinger (Uni Münster), Matthias Maurer (ESA), Walther Pelzer (DLR), Frank De Winne (ESA)**
- 15:45 *Coffee Break*
- 16:10 **Frank De Winne (ESA)** - The European Exploration Envelope Programme: A Way Forward to the Moon
- 16:40 **Oliver Juckenhöfel (Airbus)** - Back to the Moon - Sustainably and with International Cooperation
- 17:10 **Johann-Dietrich Wörner (ESA)** - Moon Village
- 17:50 *Wrap-Up*



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