



Starmus V Festival- VIP Programme
June 24 – 29 Zurich, Switzerland

DAY 1. MONDAY 24TH JUNE Evening Programme - Samsung Hall

19:30 – 23:00:

- Official Opening of Starmus V
- **Stephen Hawking medal for Science Communication** ceremony and
- **Once upon a time on the Moon:** A homage to the Apollo Missions and those who made them possible. Hans Zimmer's concert with special guests.
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DAY 2. TUESDAY 25TH JUNE Day Programme - Samsung Hall

Sessions Chair: Robert Williams

11:00 - 12:40 Morning session:

- **John Logsdon** (*Space Race Historian*) *History of Apollo Program*
- **Yuri Baturin** (*Cosmonaut*) *Account of the Soviet Lunar programme*
- **Chris Hadfield** (*Astronaut*) *An Astronaut's Guide to Walking in Space*

12:40 - 14:00 Lunch break

14:00 - 15:30 Afternoon session:

- **Michael Collins** (*Keynote Speaker, Astronaut – Apollo 11*), *Escape Velocity*
- **Al Worden** (*Astronaut - Apollo 15*), *To the Moon, Mars and Beyond*
- **Charlie Duke** (*Astronaut - Apollo 16*) *Apollo 16: Teamwork Brings Success*

15:30 – 16:30 Coffee break

16:30 – 18:00

- **Harrison Schmitt** (*Astronaut - Apollo 17*) "title tbc"
- **Gerry Griffin** (*Flight director, Apollo programme, NASA*) "Apollo Mission Operations: The Fun Part of Going to the Moon!"
- **Rusty Schweickart** (*Astronaut - Apollo 9*) *The Real Significance of Apollo.*



Gesellschaft der Weltall-Philatelisten

DAY 3 – WEDNESDAY 26TH JUNE Day Programme - Samsung Hall

Sessions Chair: Jill Tarter

11:00 - 12:30 Morning session:

- **108 MIN:** Michael Collins, Harrison Schmitt, Charlie Duke, Brian Eno, Tony Fadell, May-Britt Moser, Donna Strickland, Garik Israelian, Michael Hintze, Al Worden. Moderator: Gerry Griffin

WHAT: 108' PANEL DISCUSSION

WHERE: SAMSUNG HALL, Hoffnigstrasse 1, Dubendorf · 8600 Zurich

WHO: Michael Collins, Harrison Schmitt, Charlie Duke, Brian Eno, Tony Fadell, May-Britt Moser, Donna Strickland, Garik Israelian, Michael Hintze, Al Worden. Moderator: Gerry Griffin

WHEN: JUNE 26TH Morning session: 11:00 - 12:30

12:30 - 14:00 Lunch break

14:30 – 15:30: Afternoon session

- **Fabiola Gianotti** (*Physicist, CERN, DG*) *Research (and much more) at CERN*
- **Tim Peake** (*Astronaut*) *ESA's plans for Gateway, Lunar and Mars exploration.*
- **Bob Smith** (*CEO of Blue Origin*) *Blue Moon: Going back to the Moon to stay*
- **Garrett Reisman** (*Astronaut and Director of Crew Operations at Space X*) *Human Spaceflight - Recent Past and Near Future*

15:30 – 16:30 Coffee Break

16:30 – 18:00

- **Brian May** (*Musician and Astrophysicist*) and **David Eicher** (*Editor, Writer and Popularizer*) *Mission Moon 3-D*
- **Tony Fadell** (*iPod, iPhone, Nest & investor*) *Technology Synergies between Earth and Space*
- **Martin Rees** (*Astrophysicist*) *Prospects for Humanity*
- **Walt Cunningham** (*Astronaut - Apollo 7*) *Apollo, the Golden Age of Spaceflight*

Evening Programme - Samsung Hall

21:00 – 22:00 Film screening and discussion panel

“Space Race in US and Soviet films” with:

- **Damien Chazelle** (*Director, Producer and Screen Writer*)
- **James Hansen** (*Historian*) **Moderator**
- **Todd Miller** (*Director and producer*)
- **Oksana Leonova**
- **Rick Armstrong**
- **Dmitry Kiselyov** (*Film Director*)
- **Stephen Slater** (*Producer of Apollo 11*)

22:00 - 23:30 Screening of the documentary **APOLLO 11**



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DAY 4 - THURSDAY 27TH JUNE Day Programme - Samsung Hall

Sessions Chair: David Eicher

11:00 - 12:30 Morning session:

- **Donna Strickland** (*Physicist, Nobel Laureate*) *Generating High-Intensity, Ultrashort Optical Pulses*
- **Adam Riess** (*Physicist, Nobel Laureate*) *The anomalous expansion and surprising physics of the Universe.*
- **Claude Nicollier and Robert Williams** *The Hubble*
- **Sandra Magnus** (*Astronaut*) *Expanding Horizons: Our next steps off the Planet*

12:30 - 14:00 Lunch break

14:30 – 15:30: Afternoon session

- **Bill Nye** (*CEO of The Planetary Society*) *Bill Nye presents: Space for Everyone*
- **Ewine F. van Dishoeck** (*Astrophysicist, Chemist, President of the IAU*) *IAU100: celebrating a century of progress in astronomy and its contribution to society*
- **Xavier Barcons** (*Astrophysicist, ESO General Director*) *ESO: Building and operating the most powerful ground-based astronomical observatories*
- **Nergis Mavalvala** (*Astrophysicist*) *Listening to Einstein's warped and rippling Universe with gravitational waves*

15:30 – 16:30 Coffee Break

16:30-17:00: Afternoon session

- **Eric Betzig** (*Chemist, Nobel Laureate*) *Microscopic Explorations of Inner Space: The Secret World Inside Our Cell*

17:00 – 18:00: Afternoon session

Nobel Laureate Panel moderated by Brian Malow: with **Donna Strickland**, **Edvard Moser**, **Kurt Wüthrich**, **Elizabeth Blackburn**, **May-Britt Moser**, **Adam Riess**, **Robert Wilson**, **George Smoot**, **Brian Schmidt**, **Barry Barish**, **Eric Betzig**.



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DAY 5 – FRIDAY 28TH JUNE Day Programme - Samsung Hall

Sessions Chair: Natalie Batalha

10:00: Morning session

*Moon bounce session with **Martine-Nicole Rojina** (Project SISTER MOON)*

11:00 – 12:30: Morning session

- **Clive Neal** (*Planetary Geologist*) *Back to the Moon*
- **Nicole Stott** (*Astronaut and Artist*) *eARTh from Space*
- **Elizabeth Blackburn** (*Biochemist, Nobel Laureate*) *Doing science better – for all*
- **Helen Sharman** (*Astronaut and Chemist*) *From Mars to the Stars*

12:30 - 14:00 Lunch break

14:00- 15:30: Afternoon session

- **Alan Stern** (*Planetary Scientist and Astrophysicist*) *Beyond Pluto*
- **Gennady Padalka** (*Cosmonaut*) *Life Aboard the ISS*
- **Long Xiao** (*Planetary Geologist*) *The lunar exploration program of China: today and tomorrow*

15:30 – 16:30 Coffee Break

16:30 – 18:00: Afternoon session

Brian Schmidt (*Nobel Laureate astrophysicist*) *First Stars in the Universe*

Future of Space Panel with **Eugene Kaspersky, Mikhail Kornienko, Marco Preuss, Nicol Stott**

DAY 6 – SATURDAY 29TH JUNE Day Programme - Samsung Hall

Sessions Chair: Brian Malow

11:00 - 12:30 Morning session:

- **May-Britt Moser** (*Neuroscientist and Nobel Laureate*) Concert-Lecture featuring **Trondheim Soloists** (*String Chamber*) & **Steve Vai** *Deep-dive in the brain: space, time and memory*

12:30 - 14:00 Lunch break

14:00 – 15:30: Afternoon session

- **George Smoot** (*Astrophysicist, Nobel Laureate*) *title TBC*
- **Natalie Batalha** (*Astronomer*) *Lava Worlds to Living Worlds: Exoplanets and the Search for Life Beyond Earth*
- **Barry Barish** (*Astrophysicist, Nobel Laureate*) *Prospects for Multi-messenger Astronomy*

15:30 – 16:30 Coffee Break

16:30 – 18:00: Afternoon session

- **Emmanuelle Charpentier** (*Microbiologist and Biochemist*) *Gene Therapy*
- **Panel: Life in the Universe:** **Jill Tarter** (*Astrophysicist*), **Natalie Batalha** (*Astrophysicist*), **Richard Dawkins** (*Ethologist, Evolutionary Biologist*), **Michel Mayor, Rafael Rebolo** (60 min)

Evening Programme – Samsung Hall

21:30 – 00:00: STAR PARTY with Daniel Cardoso and Giancarlo Erra – CLOSING EVENT