



ÖSTERREICHISCHES WELTRAUM FORUM
AUSTRIAN SPACE FORUM



AMADEE-18

Science Workshop

Conveners

Gernot Groemer



ÖSTERREICHISCHES WELTRAUM FORUM
AUSTRIAN SPACE FORUM

Gerald Steinbauer



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Workshop programme

FRIDAY, 25MAY2018

Gernot GROEMER (OeWF)

14:00 **Opening Statement & AMADEE-18 Mission presentation**

Gerhard PAAR (Joanneum Research)

15:00 **Keynote "Mars Rovers' Eyes – Machine Vision for Robotic Planetary Probes"**

16:00 COFFEE BREAK

Maurizio ERCOLI (Univ di Perugia) & Alessandro FRIGERI (IAPS-INAF)

16:30 **Experiment lecture / SCANMARS Experiment**

Emmanuel LALLA (Univ. of Toronto)

17:00 **AMADEE-18 Sample Lab Analysis**

Pablo DE LEON (Univ. of North Dakota)

17:30 **North Dakota Spacesuit Program**

19:00 CONFERENCE DINNER



SATURDAY, 26MAY2018

Andreas ZOLLER (Medical Univ. Ulm)

9:00 **Experiment lecture / FATIGUE Experiment**

Martin HAGMUELLER (TU Graz)

9:30 **Experiment lecture / MIMIC Experiment**

Sara PICCIRILLO (ASI)

10:00 **Experiment lecture / HORTEXTREME Experiment**

10:30 COFFEE BREAK

Michael MUELLER & Sophie GRUBER (TU Graz/ OeWF)

11:00 **Experiment lecture / A3DPT Experiment**

Michaela MUSILOVA (SOSA)

11:30 **HISEAS Hawaii Simulation**

Andreas ZOLLER (Medical Univ. Ulm)

12:00 **BME lessons learned**

12:30 Group Photo & LUNCH BREAK

Eren Allak (Alpen-Adria Universität Klagenfurt)

14:00 **Experiment lecture / AVI-NAV**

Antonio DEL MASTRO (Planet Mars Italy)

14:30 **Experiment lecture / V(R)ITAGO**

15:00 Lab visit1 - Robotics Lab Gerald Steinbauer

Lab visit 2 - Dronen Lab

17:00 **Student Speed Dating (60 min)**

20:00 DINNER (Glöcklbräu, self-paid)



SUNDAY, 27MAY2018

Gerald STEINBAUER (TU Graz)

9:00 **Experiment lecture / HUSKY Experiment**

Wolfgang SLANY (TU Graz)

9:30 **Catrobat Application - 4G and Lunar exploration**

Hilel RUBINSTEIN

10:00 **D-MARS Simulation in the Negev Desert**

10:30 COFFEE BREAK

Stefanie GARNITSCHNIG (Univ. of Innsbruck)

11:00 **AMADEE-18 Exploration Cascade**

All Principal investigators

11:30 **A-18 Lessons Learned discussion**

OeWF

12:00 **AMADEE-20 Introduction & Spacesuit Simulator**

12:30 Closing remarks & End of workshop