

<i>All Times are Arizona Time (MST / PDT)</i>	Day 1 - Thursday October 5th			
	Morning Plenaries - Arizona Ballroom			
9:00 AM	Dr. Robert Zubrin - Opening Remarks			
9:30 AM	Jan Spacek- ALFA Mars: Search for the Martian biosphere			
10:00 AM	Steve Benner- Astrobiology, synthetic biology, and the Search for life on Mars			
10:30 AM	Kris Zacny - Drilling Deep: Search for Life on Mars			
11:00 AM	Theodore Tzanetos - Ingenuity: the Martian Wright Flyer and Beyond			
11:30 AM	Amy Williams - Search for Life on Mars			
12:00 PM	Lunch Break (Noon-1PM)			
	Afternoon Track Sessions			
	Settlement <i>MU 202 Alumni</i>	Political, Financial and Philosophical A <i>MU 207 Gold</i>	Technical A <i>Arizona Ballroom</i>	Medical <i>MU 230 Pima</i>
1:00 PM	PLENARY: Dr. Wolfgang Fink - Mars cave and lava tube exploration (Arizona Ballroom)			
1:30 PM	Acatzin Benitez- Analysis of a crews adaptation during the UK's first analog space mission	Philip Turek- Mars as a Societal Depolarizer Tool	Kent Nebergall- the Mars Age Technology Roadmap	Susan Jewell- Space Guardian GPT
2:00 PM	Kal'El Vnsatchoff- Mars Coloniation- Building a Mars Base	Marco Janssen- Port of Mars	Jonathan Huffman- Feasibility of Phobos Sample Return on 1 kg of fuel	Karoly Schosser- Applications of moonfulness-based trainings in astronautics (V)
2:30 PM	Laurence Vaughn - Full Access Long Duration Mars Station	Juliana Rinaldi-Semione- Slavery and Mars: Never the Twain Shall meet (V)	Eric Robinson- Peak Efficient Launch to Orbit using light Gas Impulse Launch	Laura Resike- Investigating the effects of time-delayed communications on the crew mission support
3:00 PM	Libby Hubbard- Arcology Zero	Jayden Sage-The Benefits to Earth Economy of Martian Settlement	Paul Armstrong- the Red Planet Express	Machenka Eriksen- Disability on Mars
3:30 PM	Stuart Nelson- Concrete Steps to Mars	Chelsea Wells: International Relations for Mars Stays (V)	Nicholas Bennett- high Volume Payload Mass Flows to Mars	Susan Jewell - Mars Medical reserach
4:00 PM	Bryan White - Use of In-Situ Resource Utilization to Extend the Scope and Duration of Crewed Missions to Mars	Steve McDaniel- Terraform Earth, then Mars (V)	Doug Plata -Starship Timeline	Machenka Eriksen- Disability on Mars
4:30 PM	Stuart Nelson- Unlocking Cuboctahedral Potential: Rib Truss Design for the Zero Hour Arcology Project	Robert Dyck- Large Scale Coloniation Ship (V)	Thorsten Eschweiler- Audio Visual Entrainment Technology (AVE) Applications in Space Environments	Doug Plata - the First Off-Earth Birth - Where and When?
5:00 PM	Muhammad Akbar- Craterhab concept: A llarge Scale human habitation soluation in the unque Martian	Mission to Mars: Student Presentations (V)	Darian Phillips -Mars Transit Direct	Bruce Mackenzie- Mars University Introduction & Planning Meeting
5:30 PM	Manousos Chairetis: Eucratia (Earth's Polity for Space Exodus) (V)	<i>Open Slot</i>	Colin Lennox- Self Organzing Wetland Bioreactors (V)	Rishika Jayprakash- CogniSens Mars (V)
	Dinner Break (6pm - 7pm)			
	Thursday Evening Program			
7:00 PM	<p align="center">Panel: How to Search for Life on Mars at Arizona Ballroom Dr. Robert Zubrin, Dr. Carol Stoker, Dr. Amy Williams, Rachel Tillman, Jan Spacek</p> <p align="center">Public Demonstation of the First Space Suit Designed for Mars - L. Kuznetz</p>			
7:30 PM				
8:00 PM				
8:30 PM				

All Times are Arizona Time (MST / PDT)	Day 2 - Friday October 6th			
	Morning Plenaries - Gammage Theater			
9:00 AM	Nathaniel "Than" Putzig- Exploring Mars with Ground Penetrating Radar			
9:30 AM	Rick Tumlinson- The New Space Revolution			
10:00 AM	Mars Technology Institute Panel			
10:30 AM	FMARS Crew 15 Panel			
11:00 AM	HS Engineering Competition Panel (Robert, Nicole, Trudi, students)			
11:30 AM	David Poston- Nuclear power for space			
12:00 PM	Lunch Break (Noon-1PM)			
	Afternoon Track Sessions			
	Political, Financial and Philosphical B <i>Promenade</i>	Analog Research <i>Gammage Theater</i>	Technical B <i>Sunset Lobby</i>	Outreach <i>Love Lobby</i>
1:00 PM	Sandhya Rao- Asteroid Mining Techniques	Trevino/Drayson- FMARS- 15 Quantitative Psychological Observations	Eric Kristoff- EVA Link- From Virtual to Analog for Science and Safety	Mission to Mars: Student Presentations
1:30 PM	Nina Kojima - Panopticon on Mars	Wayne L. White - The South Pole and Mars	Erik Bethke- Million on Mars	Mission to Mars: Student Presentations
2:00 PM	Alexander Vidyuk- How Dep Tech VC and Angel Investors Can Enable a Mars Colony	Katarina Mol - Perchlorate Tolerant Microalgae	Doug Plata - The InstaBase Demo	Alessandra Calanchi-An unexpected visitor: The man from Mars and his interplanetary moral code (V)
2:30 PM	Art Harman- Don't Waste Mars Launch Windows	Lennart Lopin- Planetary 'Hash War' Protection	Donald Jacues - The Application of Many Integrated Species as Biological Life Support Components	Karoly Schosser- Process-based behavioral interventions for enhancing performance in AMADEE20 (V)
3:00 PM	Anna Szolucha- Bringing space to the Masses	Carl Greenbaum- SSAFEHOUSE: An Undersea Settlement Before Mars (V)	<i>Open Slot</i>	Libby Hubbard- Mars for all - Arcology for all
3:30 PM	Emmanuel Petrakakis- Fro Vasco Da Gama to Mars Exploration (V)	Kshitij Mall- MDRS Crew 272: Novelty, Lessons Learned	Clay Abraham- Pioneering Bio-Manufacturing on the Red Planet	Chalres Leatherwood- The Mars Leap brings the dream of Mars to a new generation
4:00 PM	Jiang Fang- New Market Application Promotes the Process of Mars immigration	Kent Nebergall-Agile Space Analogs as Progress Accelerators	Rafal Anyszka- Rubber for Mars Missions	Ed Heisler- Hello Mars: Here We Come!
4:30 PM	Danny Quintana- Space and Ocean exploration as the Alternative to World War III	Carl Greenbaum - Autonomous Aquaponics (V)	Sam Ross- At Scale Processing for Martian Industry (V)	Md. Fahmid-Ul-Ulam- All about Mars in a nutshell
5:00 PM	Art Harman- Mars Lobbying 101	TBD MaRS 1 Week Full Isolation at AATC Analogue Base (V)	Szabo-Kora- Advancements in Sustainable Materials for Revolutionizing Mars Exploration (V)	Narcisse Mbunzama- Enhancing STEM Education in Africa to Support Red Planet Exploration (V)
5:30 PM	Shashkova Petrovana - Mars in the generations of the Sun (V)	Mission to Mars: Student Presentations (V)	Mission to Mars: Student Presentations (V)	Jemimah Kwakuyi - Empowering Exploration: My Journey as an African Female Volunteer (V)
	Friday Evening Programs			
6:00 PM	Panel: Mars Desert Research Station at Gammage Theater			
6:30 PM				
7:00 PM	Networking Reception at Gammage Promenade			
7:30 PM	(Cash Bar)			

All Times are Arizona Time (MST / PDT)	Day 3 - Saturday October 7th			
	Morning Plenaries - Arizona Ballroom			
9:00 AM	Dean Cheng - China & Its Space Program			
9:30 AM	William Clancey- Robotically Mediated Exploration Undersea and on Mars			
10:00 AM	Tiffany Morgan - Exploring Mars Together, DRAFT Plan for a Sustainable Future for Science at Mars			
10:30 AM	Roberto Carlino, NASA Ames - My Time on the HERA Mars Analog			
11:00 AM	James Heiser- Is the effort to settle Mars a dangerous religion?			
11:30 AM	Shannon Rupert - Using desert varnish at Mars analog sites as a model for life detection on other planets			
12:00 PM	Lunch Break (12pm - 1pm)			
12:30 PM				
	Afternoon Track Sessions			
	Science MU 202 Alumni	Analog Research / NewSpace Arizona Ballroom	Technical C MU 241 Ventana	Student Mars Debate MU 207 Gold
1:00 PM	Quinn Morley- Drilling Deeper: Borebots and the Search for Life under the ice (V)	James Burk et. al. - MDRS Transatlantic Crew 261	Fedor Karpelevitch- The Case Against EVA suits	Student Mars Debate (virtual)
1:30 PM	Gabriella Rizzo- Missions to Mars from an Astrobiological perspective	Panel: Thunderbird School	Robert Mills - Virtual Telerobotic and AI for Mars	Student Mars Debate (virtual)
2:00 PM	Art Harman- Is China winning the race to the Moon? Does it Matter?	Colleen McLeod - Agriculture on Mars	Karoly Schlosser- Aqanuta CE's First Cave Diving Mission (V)	Student Mars Debate (virtual)
2:30 PM	Holger Isenberg- Modern Mars Mysteries	AZ NewSpace Business Opportunities	Muhammad Akbar- A hybrid power-generation concept for Mars	Student Mars Debate (virtual)
3:00 PM	Steve McDaniel - Fast, Wide and Deep (V)	Federico Unger - Food Production for Analog Space Missions (V)	Tomasso Batacchi- Mars In-Situ Propellant Production	Student Mars Debate (virtual)
3:30 PM	William Gardiner-Mars Mysteries Become discoveries	Lojek/Trevino - Digitally Assessed Measurement of Stress in an Analog Astronaut Environment	Bruce Mackenzie- Live in a Mars/Lunar Settlement on Earth	Student Mars Debate (virtual)
4:00 PM	Ian McCann- The Uniform Mars Land Survey System	Jeff Rayner - MarsVR Update + Mars Comms Demo	Tim Heilers- Mars Unix Time: It's Time for Mars	Student Mars Debate (virtual)
4:30 PM	Aruna Devi- Exploration of Sulphur Using Artificial Intelligence (V)	Boris Petrovic- Virtual Reality and Metaverse Applications for Mars Habitat Simulation and Training (V)	Sandhya Rao- to Study Radiation on Mars	Student Mars Debate (virtual)
5:00 PM	Sandhya Rao- To Study Carbon Dioxide and Polar Ice Caps on the Red Planet		Bharat Dehingia- Solar Thermal Power plant for Mars	
5:30 PM	Carl Greenbaum- A Dragonfly for Mars (V)		John Chapin - Mars Standard Contro and Data systems (V)	
	Saturday Evening Program			
6:00 PM	<p align="center">Saturday Evening Banquet at Arizona Ballroom</p> <p align="center">Speakers: James Burk, Mars Society update Shannon Nangle, CEO Circe Biotech: The Case for Biotech on Mars MARS-V - Mongolian Mars Analog Station Update plus Awards Ceremony</p>			
6:30 PM				
7:00 PM				
7:30 PM				

All Times are Arizona Time (MST / PDT)	Sunday October 8th
9:00 AM	Barbara Belvisi - Interstellar Research Lab (V)
9:30 AM	Kai Staats - A Summary of the first two crews at the sealed and pressurized SAM
10:00 AM	Dr. Shawna Pandya - Medicine for the Moon, Mars and Benefits for Earth
10:30 AM	Dr. Sara Walker - Mars: Red and Dead?
11:00 AM	Dr. Greg Autry - The Business of Space
11:30 AM	Relativity presentation
12:00 PM	Grant Bonin, CEO Gravity Lab
12:30 PM	Erik Bethke - Generative AI for Citizen Scientists
1:00 PM	Reid Stowe - Mars Ocean Analogs
1:30 PM	Dr. Robert Zubrin - Closing Remarks
2:00 PM	END OF CONFERENCE