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<tr>
<td>9.30</td>
<td>HUMAN SPACE FLIGHT: INTRODUCTORY LECTURE. GABRIELE MASCETTI, HUMAN SPACE FLIGHT OFFICE ASI, HEAD</td>
<td>HYBERNATION MATTEO CERRI ONLINE</td>
<td>MOON HABITATS FOR HUMANS VALENTINA COLLA</td>
<td>PLEASE NOTE: 10.00</td>
<td>BED REST ENRICO CAIANI</td>
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<td>CIRCADIAN RYTHMS BENEDETTO GRIMALDI</td>
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<td>12.30</td>
<td>GRAVITATIONAL BIOLOGY DEBORA ANGELONI</td>
<td>MICROGRAVITY v/s HYPERGRAVITY, VALERIO MIGNUCCI</td>
<td>OMICS FOR SPACE RESEARCH IVANA BARRAVECCHIA</td>
<td>EXTREMOPHYLES FOR SPACE RESEARCH DONATO GIOVANNELLI ONLINE</td>
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<td>16.00</td>
<td>CELL CULTURE IN SPACE IVANA BARRAVECCHIA</td>
<td>GENOMICS ON EARTH AND IN SPACE MATTEO DELL’ACQUA</td>
<td>ELEMENTS OF MOLECULAR MECHANOBIOLOGY DEBORA ANGELONI</td>
<td>EARTHWORMS AS POTENTIAL BIOTOLS SUPPORTING LUNAR REGOLITH HABITABILITY FOR FUTURE CROP GROWTH IN SPACE CHIARA PUCCIARIELLO &amp; DONATO ROMANO</td>
<td>HARDWARE FOR BIOLOGY SPACE RESEARCH KAYSER ITALIA</td>
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Ing. Gabriele Mascetti  
Head of Human Spaceflight Office  
Head of Scientific Coordination Unit  
Italian Space Agency  
Title: Human spaceflight: key challenges for the future of human exploration

Ivana Barravecchia, PhD  
Scuola Superiore Sant’Anna  
Titolo: Experimental biology for space research.

Prof. Matteo Cerri MD, PhD  
Associate Professor of Physiology  
University of Bologna  
Italian Institute of Technology (IIT)  
National Institute for Nuclear Physics (INFN)  
Titolo: Hibernation, torpor and synthetic torpor: exploiting hypometabolism for space exploration

Donato Giovannelli, PhD  
Full Professor of Microbiology  
Department of Biology  
University of Naples "Federico II"  
Titolo: Microbes from extreme environments to study space

Prof. Enrico G Caiani, PhD, FESC  
Associate Professor in Biomedical Image Processing and e-Health  
Politecnico di Milano, Dipartimento di Elettronica, Informazione e Bioingegneria  
Istituto di Elettronica e Ingegneria dell’Informazione e delle Telecomunicazioni (IEIIT-CNR)  
Titolo: From Earth to Space: biomedical cardiovascular research through space analogues
Benedetto Grimaldi, PhD  
Fondazione Istituto Italiano di Tecnologia  
Department of Molecular Medicine

Titolo: Circadian rhythms in space.  
Data: martedì 11 ottobre

Alberto Giannoni, MD, PhD  
Scuola Superiore Sant’Anna  
Title: Physiology of extreme environments

Prof. Chiara Pucciariello, PhD & Donato Romano, PhD  
Scuola Superiore Sant’Anna  
Title: Fertilization of extraterrestrial soils

Prof. Matteo Dell’Acqua, PhD  
Scuola Superiore Sant’Anna  
Title: Genomics on earth and in space

Dr. Valerio Mignucci  
Scuola Superiore Sant’Anna  
Title: Microgravity V/S Hypergravity in Biological Research

Prof. Ing. Valentina Colla, PhD  
Scuola Superiore Sant’Anna  
Title: Moon colonization by humans: challenges and perspectives of 3D construction.