

Swiss-Korean Science Day: Frontiers in Astrophysics and Fundamental Physics of the Universe



Program

The Westin Josun Seoul Hotel, Orchid (2nd floor)
Wed, June 10th 2026

8:30	Registration opens	
9:00 - 9:20	Welcome Remarks	<p>Nadine OLIVIERI LOZANO, Ambassador of Switzerland in ROK Ministry of Science and ICT (MSIT)</p> <p>Jacques DUCREST, State Secretariat for Education, Research and Innovation</p> <p>Dongseob KANG, National Research Foundation of Korea (NRF)</p>
9:20 - 9:40	(Keynote) <i>Earth: Our Unique Cosmic Oasis</i>	Jean Paul KNEIB , Ecole polytechnique fédérale de Lausanne
9:40	Group photo	
Session 1: Cosmology and Large Scale Universe		
9:45 - 10:00	<i>Neutrino Mass and the Universe</i>	Yeongduk KIM , Institute for Basic Science
10:00 - 10:10	<i>Searching for dark matter in the Milky Way: Where are we and where are we going?</i>	Laura BAUDIS , University of Zurich
10:10 - 10:15	Q&A	
Session 2: Solar System, Space Environment and Planetary Evolution		
10:15 - 10:30	<i>Planetary Atmospheres Group in South Korea</i>	Yeonjoo LEE , Institute for Basic Science
10:30 - 10:40	<i>Understanding the most common planets in the Universe</i>	Ravit HELLED , University of Zurich
10:40 - 10:50	<i>Grain Growth in Young Stellar Objects</i>	Woojin KWON , Seoul National University
10:50 - 11:10	Coffee Break	
11:10 - 11:25	<i>Instrumentation for Solar System missions – results and future prospects in Mars and small body research</i>	Nikolas THOMAS , University of Bern
11:25 - 11:35	<i>Early Results from the Polarimetric Camera onboard Danuri, Korea's First Lunar Orbiter</i>	Sungsoo S. KIM , Kyung Hee University
11:35 - 11:45	<i>Cosmic Dust in the Solar System</i>	Veerle STERKEN , Ecole polytechnique fédérale de Lausanne
11:45 - 11:55	Q&A	
Session 3: Earth Observation Science: Calibration, Validation and Environmental Insights		
11:55 - 12:05	<i>Earth Observations and Modeling in the Era of AI</i>	Jungho IM , Ulsan National Institute of Science & Technology
12:05 - 12:15	<i>Connecting surface processes to planetary change - Environmental research at the University of Basel</i>	Nikolaus KUHN , University of Basel
12:15 - 12:20	Q&A	
12:20 - 12:30	<i>ETH Zürich Space at a glance</i>	Michael GSCHWEITL , ETH Zurich
12:30 - 13:30	Closing & Lunch	

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