

**United Nations / Germany High Level Forum:**  
**The Way Forward after UNISPACE+50 and on Space2030**  
*13 – 16 November 2018 UN Campus Bonn, Germany*

[draft version - subject to change]

**Monday, 12th November 2018:**

13:00 – 17:00	<b>UNOOSA-DLR International Expert Meeting: Satellite-Data-Driven Risk and Disaster Management for Sustainable Development in Africa</b>
17:00 – 18:00	HLF Pre-Registration ( <i>Bonn Marriott World Conference Hotel</i> )
18:00 – 21:00	Get Together ( <i>Bonn Marriott World Conference Hotel</i> )

**Tuesday, 13th November 2018:**

8:00 – 9:00	<i>Registration and Welcome Coffee</i>	
<b>OPENING AND WELCOME REMARKS</b>		
9:00 – 9:10	<b>Welcoming remarks</b> Mr. Uli BOBINGER, <i>Master of Ceremony</i>	
9:10 – 9:40	<b>Opening addresses</b> Mr. Walther PELZER, <i>Executive Board Member, DLR Space Administration</i> Ms. Simonetta DI PIPPO, <i>Director, UNOOSA</i> Mr. Thomas JARZOMBEEK, <i>German Aerospace Coordinator</i> <i>Mayor, Bonn [TBC]</i>	
9:40 – 10:30	<b>Setting the Scene</b> The evolution of the High-Level Forum <i>Mr. Markus WOLTRAN, UNOOSA</i> Implementing the Space2030-Agenda: Current Status and the Way Forward, <i>Ms. Simonetta DI PIPPO, Director UNOOSA</i>	
10:30 – 11:00	<i>Coffee Break</i>	
<b>SESSION 1: GLOBAL PARTNERSHIP IN SPACE EXPLORATION AND INNOVATION</b>		
<b>Moderator:</b> Mr. Uli BOBINGER, <i>Master of Ceremony</i>		<b>Rapporteur:</b> Ms. Sharafat GADIMOVA, UNOOSA [TBC]
11:00 – 11:15	<i>Ms. Athena COUSTENIS, Paris Observatory</i>	
11:15 – 11:30	<i>Mr. Jim GREEN, NASA</i>	
11:30 – 11:45	Legal aspects of commercial activities in the field of manned space flights <i>Mr. Igor POROKHIN, Inspace Consulting</i>	
11:45 – 12:00	<i>Mr. John ROTH, Sierra Nevada Corporation</i>	
12:00 – 12:15	<i>Mr. Jens JORDAN, DLR</i>	
12:15 – 12:30	[TBC]	
12:30 – 12:45	[TBC]	
12:45 – 13:00	Q & A	
13:00 – 14:00	<i>Lunch</i>	

<b>SESSION 2: FURTHERING SUSTAINABLE DEVELOPMENT AND STRENGTHENING INTERNATIONAL COOPERATION ON GLOBAL HEALTH AND LOW-EMISSION AND RESILIENT SOCIETIES</b>	
<b>Moderator:</b> Mr. Uli BOBINGER, Master of Ceremony	<b>Rapporteur:</b> Mr. Juan-Carlos VILLAGRAN, UNOOSA [TBC] Ms. Gina Petrovici, DLR, [TBC]
14:00 – 14:15	<i>Mr. Godstime JAMES, NASDAR / Mr. Juan-Carlos VILLAGRAN, UNOOSA</i>
14:15 – 14:30	International Cooperation for Animal Research Using Space (ICARUS) <i>Mr. Martin WIKELSKI, Max Planck Institute for Ornithology</i>
14:30 – 14:45	UNOOSA and SDGs <i>Mr. Hui DU, UNOOSA</i>
14:45 – 15:00	Space Based Applications: A sustainable Tool for Human to Achieve SDGs <i>Ms. Bolo BASUTI, Botswana International University of Science and Technology</i>
15:00 – 15:15	<i>Mr. Jonas FRANKE, Remote Sensing Solutions</i>
15:15 – 15:30	Reusable cruise rocket for urgent cargo delivery in case of disaster <i>Mr. Roman MYKHALCHYSHYN, Yuzhnoye SDO</i>
15:30 – 16:00	<i>Coffee Break</i>
<b>SESSION 2 CONTINUES</b>	
16:00 – 16:15	<i>Mr. Kaxuo TACHI, JAXA</i>
16:15 – 16:30	Satellite Applications for Development Cooperation <i>Ms. Antje HECHELTJEN, German Agency for International Cooperation</i>
16:30 – 16:45	Space Technologies Application Micros Studies in Global Health for Sustainable Development: Microgravity, Microplastics, Microbiology <i>Ms. Oluwafemi FUNMILOLA, National Space Research and Development Agency</i>
16:45 – 17:00	<i>Mr. Jason HATTON, ESA / Mr. Ramesh KRISHNAMURTHY, WHO</i>
17:00 – 17:15	<i>Mr. Marc PAGANINI, ESA</i>
17:15 – 17:30	[TBC]
17:30 – 17:45	[TBC]
17:45 – 18:00	<i>Q&amp;A with audience</i>
18:00 – 21:00	<i>Reception at Roof Top Bar Langer Eugen</i>

### Wednesday, 14th November 2018

8:00 – 9:00	<i>Registration and Welcome Coffee</i>
<b>SESSION 3: LEGAL REGIME OF OUTER SPACE AND GLOBAL SPACE GOVERNANCE</b>	
<b>Moderator:</b> Mr. Uli BOBINGER, Master of Ceremony	<b>Rapporteur:</b> Ms. Scarlett WAGNER, DLR
9:00 – 9:15	Future Scenarios of space diplomacy and international relations <i>Ms. Sumaya AL HAJERI, UAE Space Agency</i>
9:15 – 9:30	<i>Mr. Bernhard SCHMIDT-TEDD, DLR</i>
9:30 – 9:45	<i>Mr. Bayar GOSWAMI, McGill University</i>
9:45 – 10:00	<i>Mr. Andzej MISZTAL,</i>

10:00 – 10:15	<i>Mr. Ignacio TIRADO, UNIDROIT</i>
10:15 – 10:30	<i>Mr. Oliver HEINRICH, BHO-Legal</i>
10:30 – 10:45	<i>Mr. Marco FERRAZZANI, ESA</i>
10:45 – 11:00	<i>Coffee Break</i>
<b>SESSION 4: ENHANCED INFORMATION EXCHANGE ON SPACE OBJECTS AND EVENTS AND AN INTERNATIONAL FRAMEWORK FOR SPACE WEATHER SERVICES</b>	
<b>Moderator:</b> Mr. Uli BOBINGER, Master of Ceremony	<b>Rapporteur:</b> Mr. Hermann OPGENOORTH [TBC]
11:00 – 11:15	<i>Mr. Hermann OPGENOORTH, Swedish Institute of Space Physics</i>
11:15 – 11:30	<i>Ms. Sharafat GADIMOVA, UNOOSA</i>
11:30 – 11:45	<i>Mr. Thomas SCHILDKNECHT, University of Bern</i>
11:45 – 12:00	<i>Mr. Rolf HEMPEL, DLR</i>
12:00 – 12:15	<i>Ms. Olga SOKOLOVA, Peter the Great St. Petersburg Polytechnic University</i>
12:15 – 12:30	<i>Mr. Holger KRAG, ESA</i>
12:30 – 12:45	<i>Mr. Niklas HEDMAN, UNOOSA</i>
12:45 – 13:00	<i>Q&amp;A with audience</i>
13:00 – 14:00	<i>Lunch</i>
<b>SESSION 5: CAPACITY-BUILDING FOR THE 21ST CENTURY</b>	
<b>Moderator:</b> Mr. Uli BOBINGER, Master of Ceremony	<b>Rapporteur:</b> Mr. Markus WOLTRAN, UNOOSA
14:00 – 14:15	<b>Keynote:</b> <i>Mr. Matthias MAURER, ESA</i>
14:15 – 14:30	<i>Mr. Juan-Carlos VILLAGRAN, UNOOSA / Mr. Klaus GREVE, University Bonn</i>
14:30 – 14:45	<i>Ms. Franziska ZEITLER, DLR</i>
14:45 – 15:00	<i>Mr. Bertrand FROT, UNDP</i>
15:00 – 15:15	<i>Mr. Alexander KAPTEIN, Airbus / Ms. Orbita ROSWINTIARTI, LAPAN</i>
15:15 – 15:30	<i>Ms. Clémentine DECOOPMAN, SGAC</i>
15:30 – 16:00	<i>Coffee Break</i>
<b>SESSION 5 CONTINUES</b>	
16:00 – 16:15	<i>Ms. Isabelle DUVAUX-BECHON, ESA</i>
16:15 – 16:30	<i>Mr. Rafael MORO-AGUILAR, Florida International University</i>
16:30 – 16:45	Models for Universities to Partner with Government and Entrepreneurs to apply space technology in Support of the SDGs <i>Ms. Danielle WOOD, Massachusetts Institute of Technology [TBC]</i>
16:45 – 17:00	[TBC]
17:00 – 17:15	[TBC]
17:15 – 17:30	Q&A with audience
17:30 – 18:30	<b>POSTER SESSION</b>

Thursday, 15th November 2018

8:00 – 9:00	<i>Registration and Welcome Coffee</i>	
<b>OPENING AND WELCOME REMARKS</b>		
9:00 – 9:30	<b>Introductory remarks</b> Mr. Walther PELZER, <i>Executive Board Member, DLR Space Administration</i> Ms. Simonetta DI PIPPO, <i>Director, UNOOSA</i> Mr. Jan WÖRNER, <i>Director-General, ESA</i> Ms. Jutta SCHMITZ, <i>German Ambassador to the UN in Bonn [TBC]</i>	
<b>HIGH LEVEL PANEL I: SPACE ECONOMY – DEVELOPING SPACE-DERIVED ECONOMIC BENEFITS</b>		
<b>Chair:</b> [TBC]		<b>Rapporteur:</b> Hui DU, UNOOSA
9:30 – 9:45	<b>Keynote:</b> Mr. Thomas JARZOMBEC, German Aerospace Coordinator	
9:45 – 10:30	<i>Mr. Salem AL MARRI, MBRSC</i>	
	<i>Mr. Shumete GIZAW, State Minister for Science and Technology, Ethiopia</i>	
	<i>Ms. Kang DUAN [TBC]</i>	
	<i>Department of social and economic development, Representative from German Development Institute [TBC]</i>	
10:30 – 11:00	<i>Discussion and recommendations</i>	
11:00 – 11:30	<i>Coffee Break</i>	
<b>HIGH LEVEL PANEL II: SPACE SOCIETY – ADVANCING THE SOCIETAL BENEFITS OF SPACE-RELATED ACTIVITIES</b>		
<b>Chair:</b> Mr. Juan-Carlos VILLAGRAN, UNOOSA		<b>Rapporteur:</b> Mr. Radu BOTEZ, UNOOSA [TBC]
11:30 – 12:30	<i>Mr. Jim GREEN, NASA</i>	
	<i>Mr. Jan WÖRNER, ESA</i>	
	<i>Mr. Lionel SUCHET, CNES [TBC]</i>	
	<i>Mr. Christoph HÄUSER, Museum für Naturkunde Berlin [TBC]</i>	
	<i>Mr. Akos HEGY, Airbus [TBC]</i>	
12:30 – 13:00	<i>Discussion and recommendations</i>	
13:00 – 14:00	<i>Lunch</i>	
<b>SIDE EVENTS</b>		
14:00 – 18:00	Technical Tour to DLR & ESA Köln-Porz	
18:30 – 23:00	Gala Dinner at La Redoute, Bonn Bad-Godesberg	

Friday, 16th November 2018

8:00 – 9:00	<i>Registration and Welcome Coffee</i>	
<b>HIGH LEVEL PANEL III: SPACE ACCESSIBILITY – ACCESS TO SPACE FOR ALL</b>		
<b>Chair:</b> Mr. Kai-Uwe SCHROGL, ESA		<b>Rapporteur:</b> [TBC]
9:00 – 10:00	<i>Mr. Paolo GIOMMI, ASI</i>	
	<i>Mr. Luciano SACCANI, Sierra Nevada Corporation</i>	
	<i>Ms. Simonetta DI PIPPO, UNOOSA</i>	
	<i>Mr. Claus LÄMMERZAHL, ZARM</i>	
	<i>Mr. John KIMANI, Kenya Space Agency [TBC]</i>	
	<i>Mr. Wu HAIWEN, Chinese Permanent Mission [TBC]</i>	
	<i>Ms. Alice BUNN, UK Space Agency [TBC]</i>	
10:00 – 10:30	<i>Discussion and recommendations</i>	
10:30 – 11:00	<i>Coffee Break</i>	
<b>HIGH LEVEL PANEL IV: SPACE DIPLOMACY – BUILDING PARTNERSHIPS AND STRENGTHENING INTERNATIONAL COOPERATION AND THE GOVERNANCE OF SPACE ACTIVITIES</b>		
<b>Chair:</b> Mr. Niklas HEDMAN, UNOOSA		<b>Rapporteur:</b> [TBC]
11:00 – 12:00	<i>H.E. Gerhard KÜNTZLE, Federal Foreign Office, Germany</i>	
	<i>Mr. André RYPL, Ministry of Foreign Affairs, Brazil</i>	
	<i>Ms. Pontsho MARUPING, South African Council for Space Affairs</i>	
	<i>Mr. Michael SIMPSON, Secure World Foundation</i>	
	Useful initiatives for taking international cooperation beyond the skies after UNISPACE+50, envisioning the Space 2030 Agenda	
	<i>Ms. Rosa Maria RAMIREZ DE ARELLANO Y HARO, Mexican Space Agency</i>	
	<i>Mr. Peter MARTINEZ, Former Chair COPUOS Working Group on Long-term Sustainability [TBC]</i>	
<i>Chair of COPUOS Working Group on a Space2030 Agenda [TBC]</i>		
12:00 – 12:30	<i>Discussion and recommendations</i>	
12:30 – 14:00	<i>Lunch Buffet</i>	
<b>CONCLUSION</b>		
14:00 – 14:30	<i>Ms. Pascale EHRENFREUND, Chair of DLR Executive Board</i>	
14:30 – 15:00	<i>Review and Approval of the Recommendations</i>	
15:00 – 15:30	<b>Concluding Remarks</b> <i>Mr. Walther PELZER, Executive Board Member, DLR Space Administration</i> <i>Ms. Simonetta DI PIPPO, Director UNOOSA</i>	
15:30	<i>Farewell Coffee</i>	