

SPECIALIZED PANEL OF SCIENTIFIC EXPERTS

ESTABLISHED PURSUANT TO THE OPTIONAL RULES FOR ARBITRATION
OF DISPUTES RELATING TO OUTER SPACE ACTIVITIES

COMMISSION SPÉCIALISÉE D'EXPERTS SCIENTIFIQUES

ETABLIE EN APPLICATION DU REGLEMENT FACULTATIF POUR L'ARBITRAGE
DES DIFFERENDS RELATIFS AUX ACTIVITES LIEES A L'ESPACE EXTRA-ATMOSPHERIQUE

Current List	Liste actuelle	Date of appointment	Date of latest renewal
		Date de la nomination	Date du dernier renouvellement
<p>People's Republic of China</p> <p>Prof. YAO JIANTING is Deputy Director of Satellite Assembly Integration and Test (AIT) Center, China National Space Administration (CNSA), and Business Director-General of Beijing Institute of Spacecraft Environment Engineering (BISEE), China Academy of Space Technology (CAST). Yao graduated from Harbin Institute of Technology (HIT) with Bachelor degree and Master Degree in semiconductor physics & microelectronics in 1990. And then he started his career in China Space by serving as engineer, senior engineer and professor successively in BISEE, China Aerospace Science & Industry Corporation (CASIC) and CNSA. From 1996 to 1997, as the satellite product assurance engineer, Yao was engaged in the SINOSAT-1 program in France. From 2005 to 2008, as the executive deputy director of international cooperation division, CNSA, Yao was in charge of the international cooperation of China Space, and successfully facilitated the China-France and China-Russia joint satellite cooperation programs. From 2008 to 2018, as the deputy director-general of BISEE, Yao was mainly responsible for business planning, quality management, capacity building and international cooperation. Yao has been deposited as the executive chairman in 2014 of the 11th International Conference on Protection of Materials and Structures from the Space Environment. Almost 30 years working experience in China Space has helped Yao to accumulate rich knowledge and experience in management, technology and standards of satellite system integration and environment engineering. Yao has also been playing a leading role in international programs, technical training and seminars with other countries, and contributing to the successful cooperation with Russia, France, Italy, Egypt, Pakistan and so on. Tel.: +8613910772786; E-mail: yaojianting@yahoo.com.</p>	<p>République populaire de Chine</p>	10 - 09 - 2018	
<p>Prof. LIU JING serves as Deputy Director of Space Debris Observation and Data Application Center of China National Space Administration, Deputy Director of space debris research expert group of CNSA. Former Chair of the Modelling and Environment Database Working Group of the Inter-Agency Space Debris Coordination Committee. Expert of the United Nations Working Group on Long-Term Sustainability of Outer Space Activities. Main technical leader of China-US and China-Russia bilateral space debris cooperation. Tel.: +8613501090996; E-mail: liujing@bao.ac.cn.</p>		10 - 09 - 2018	
<p>Republic of Korea</p> <p>Dr. YUNJIN JUNG, Senior Researcher at the Korea Aerospace Research Institute (KARI) (October 2009-present), Member of the Korean Delegation to the UN Group of Environmental Experts on the Prevents of an Arms Race in Outer Space (Mar. 2019), Member of the Korean Delegation to the Legal Subcommittee of the Committee on the Peaceful Uses of Outer Space (since 2010); Member of the Korean Delegation to the 30th Plenary Meeting of Missile Technology Control Regime (Oct. 2016), Member of the Korean Delegation to Multilateral Negotiations on an International Code of Conduct for Outer Space Activities (Jul. 2015), Member of the Korean delegation to the 1- and 2- Multilateral Open-Ended Consultations on the Proposal for an International Code of Conduct for Outer</p>	<p>République de Corée</p>	21 - 04 - 2020	

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Space Activities (May/Nov. 2013), Member of the Korean Delegation to the 19-Plenipotentiary Conference of International Telecommunication Union (Nov. 2014), Representative to the Organisation for Economic Co-operation and Development Space Forum Steering Group (Oct. 2014), Judge at the 2013 Manfred Lachs Moot Court Competition Asia Pacific Regional Round (Jun. 2013), Part-time Lecturer at Chungnam National University: Space Law, Law of Treaties, Study of International Liability, Study of International Aviation Law, Study of Cases in International Law, Basic Theory of International Law (Sep. 2010-Feb 2013), Panel, United Nations Institute for Disarmament Research (UNIDIR) Seminar on Ensuring Asia-Pacific's Secure and Sustainable Use of Space (Dec. 2012), Legal Adviser of the Korean Delegation to Diplomatic Conference for the Adoption of the Draft Protocol to the Convention on International Interests in Mobile Equipment on Matters specific to Space Assets (Feb. 2012), Representative of the Republic of Korea to the 3rd and 4th sessions of the UNIDROIT Committee of governmental experts for the preparation of a draft Protocol to the Convention on International Interests in Mobile Equipment on Matters specific to Space Assets (Dec. 2009/May 2010), Visiting Researcher, The University of Tokyo Graduate Schools for Law and Politics (Apr.-Sep. 2008), Intern, International Astronautical Federation (IAF) Secretariat (Nov. 2007-Mar. 2008). Doctorate in International Law, University of Paris XI (Jul. 2009). E-mail: yjjung@kari.re.kr.

Netherlands

Prof. Dr. EBERHARD GILL, Chair of Space Systems Engineering (SSE), Head Department Space Engineering (SpE); born 1961 in Germany, received a diploma in physics and holds a PhD in theoretical astrophysics of the Eberhard-Karls-University Tuebingen, Germany. He holds a Master of Space Systems Engineering of the Delft University of Technology. He has been working as researcher at the German Aerospace Center (DLR) from 1989 to 2006 in the field of precise satellite orbit determination, autonomous navigation and spacecraft formation flying. He has developed a GPS-based onboard navigation system for the BIRD microsatellite. Dr. Gill has been Co-Investigator on several international missions, including Mars94-96, Mars-Express, Rosetta, Equator-S and Champ and acted as Principal Investigator on the PRISMA formation flying satellite mission. Since 2007, he holds the Chair of Space Systems Engineering at the Faculty of Aerospace Engineering of the Delft University of Technology. The chair has developed the nano-satellites Delfi-C3 and Delfi-Next, successfully operating since their launches in 2008 and 2013. In 2013, he has been appointed also as department head Space Engineering at the faculty. The research interests of Dr. Gill are spacecraft autonomy, formation flying, GNSS technology, Systems Engineering, and combined communication and navigation applications. Dr. Gill has authored or co-authored more than 250 journal articles and conference papers and four text books: Relativity and the Earth's Rotation (Springer 1990), Satellite Orbits (Springer 2000), Applied Space Systems Engineering (McGraw-Hill 2009) and Distributed Space Missions for Earth System Monitoring (Springer 2013). He holds three patents on GNSS applications, attitude control systems and Formation Flying. He has been awarded Senior Scientist of DLR in 2006. Dr. Gill has been cluster lead of MISAT, a large research program on Micro-Systems Technology. He is chairman to several conferences, editor of text books and Journals. Dr. Gill served as research advisor for universities and board members for research institutions. In 2008-2011, he has been program director of the SpaceTech post-graduate program. In 2014, he has been appointed full member of the International Academy of Astronautics (IAA). Since 2015, he is founding Director of the TU Delft Space Institute. Faculty of Aerospace Engineering, Delft University of Technology, Kluyverweg 1, 2629 HS Delft, The Netherlands; tel.: +31 (0) 15 27 87458; e-mail: e.k.a.gill@tudelft.nl.

Pays-Bas

13 - 02 - 2014	05 - 03 - 2020
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Paraguay

Dr. JORGE HIROSHI KURITA NAGASAWA graduated from Universidad Nacional de Asunción (UNA) in Paraguay, where he got his Bachelors in Electromechanical Engineering. After graduation, he spent some time in academia working as teaching faculty. During this tenure he taught courses on heat transfer, fluid mechanics and physics. In 2004, Dr. Kurita was granted the Fulbright scholarship to attend a graduate program on Mechanical Engineering at the Michigan Technological University. He finished his Masters and continued his PhD program. His doctorate research was funded by the National Aeronautics and Space Administration (NASA) and the National Science Foundation (NSF). His thesis: "Experimental results on gravity driven fully condensing flows in vertical tubes, their agreement with theory, and their differences with shear driven flows' boundary condition sensitivities" was part of other relevant research, all related to

Paraguay

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microgravity environment flow simulation validation. Dr. Kurita's contribution to this field was well-known through publications in several high impact journals. From 2011, Dr. Kurita worked as a development engineer in the competitive automotive industry, at Filtran LLC in Des Plaines Illinois. His experience as an experimental researcher helped Filtran to develop special testing techniques never implemented before on filtration systems. In addition, Dr. Kurita worked in the Computational Aided Engineering (CAE) group, contributing to improve simulation techniques to help develop state of the art filtration systems. One outstanding evidence from this successful work is the Global Special Award for "Contribution to Quality Enhancement by Development of the SmartMedia® Strainer" by Jatco Ltd., a Japanese company that supplies transmission systems to automakers. Another recognition Dr. Kurita received was his contribution to the development of the GM6T70, the transmission filter for the Chevrolet Traverse. This product gave Filtran LCC the 2015 GM Supplier Quality Excellence Award. Since 2016, Dr. Kurita is back to his alma mater as an adjunct professor at the Universidad Nacional de Asunción. Later in the same year, he was appointed to lead the research directorate of the School of Engineering. In 2017 he was appointed to be the head of the Mechanical Engineering Department at Universidad Nacional de Asunción. He is currently working as a consultant for Filtran LLC and as the director of the Planning and Management Directorate of the Paraguayan Space Agency (AEP). Also in 2017, Dr. Kurita was appointed to be AEP executive board member representation the Polytechnic Faculty of UNA. E-mail: gkurita@gmail.com; jkurita@aep.gov.py.

Thailand

Dr. CHUKEAT NOICHIM received a Ph.D. in Law from the International Institute of Air & Space Law, the Faculty of Law, Leiden University, the Netherlands. He is currently a law professor at the School of Law, Mae Fah Luang University, Thailand. He has numerous national and international publications. His book "The ASEAN Space Organization: Legal Aspects and Feasibility" is widely used as a basis for regional discussions on space cooperation. He has been an active representative of Thailand at the Meeting of the Legal Sub-committee of United Nations Committee on the Peaceful Use of Outer Space and invited to numerous international conferences and workshops. Email: Chukeat@yahoo.com; Tel: 0066824956545.

Thaïlande

20 - 10 - 2020