SPACE TOURISM: LEGAL DIMENSIONS

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January 29, 2022

PRESENTED BY: THE CENTRE FOR AVIATION AND SPACE LAWS, WBNUJS, KOLKATA
THE RESOURCE PERSONS
Bruce K. Gagnon was a founding member of the Global Network Against Weapons & Nuclear Power in Space when it was created in 1992. He has served as coordinator of the organization since its creation. He began working on space issues in 1982 during the Ronald Reagan administration (who first proposed Star Wars). He is a Vietnam-era veteran of the US Air Force and began his career as a professional organizer with the United Farm Workers Union in Florida organizing fruit pickers. He lives in Bath, Maine along the northeast Atlantic coast in the United States.

Dave Webb is the Convener of the Global Network Against Weapons and Nuclear Power in Space. He is a retired university engineering professor who switched to Peace and Conflict Studies. He was also co-founder and Director of the Praxis Centre (for the study of Information and Technology for Peace, Conflict Resolution and Human Rights) at Leeds Beckett (previously Leeds Metropolitan) University. He retired from there in 2012 to focus on peace campaigning. He is also currently chair of the Campaign for Nuclear Disarmament (CND) in the UK, a Vice-President of the International Peace Bureau and a patron of the UK group Scientists for Global Responsibility.
Prof. (Dr.) G. S. Sachdeva is a pioneer scholar on Space Law in India for the last four decades. He has eight books to his credit and has contributed over sixty articles in edited books and law journals in India and abroad. He has Masters in Economics from Delhi School of Economics, Delhi University, Law graduation from Nagpur University, Nagpur (Gold Medallist) and Ph.D. in International Law from JNU, New Delhi. He is, currently, Adjunct Professor to NALSAR University of Law, Hyderabad, and was formerly Adjunct Professor, School of International Studies, JNU, New Delhi. He has participated in international research studies and is Member of Study Group 3.26 of International Academy of Astronautics, (IAA), Paris. Also visits as guest faculty in Air and Space Law to some universities and institutions.

Ms. Jennifer A. Brobst is an Associate Professor at Southern Illinois University School of Law, cross-appointed in the SIU School of Medicine Department of Medical Humanities. She teaches courses on Health Law, Criminal Law, Property, Evidence, and Professional Ethics. Her interdisciplinary scholarship focuses on social structures and autonomy in an age of technology, such as human wellbeing within the American criminal justice system, public health systems, and space travel. Prof. Brobst received her B.A. (Hons.) in Archaeology and Social Anthropology from University of Cape Town in South Africa, J.D. from University of San Diego School of Law, and LL.M. by thesis on International Comparative Law from Victoria University at Wellington, New Zealand. She is licensed to practice law in inactive status in several American States and before the United States Supreme Court.
Prof. Karl Grossman

Prof. Karl Grossman is a full professor of journalism at the State University of New York/College at Old Westbury, who has specialized in practicing investigative reporting, and in his 43 years at the college teaching it. Space has been a special investigative focus. He is the author of the books Weapons in Space and The Wrong Stuff and writer and presenter of the TV documentary Nukes In Space: The Nuclearization and Weaponization of the Heavens. He was a co-founder of the Global Network Against Weapons & Nuclear Power in Space. Honors Grossman has received for journalism include the George Polk, Generoso Pope, James Aronson, Leo Goodman and John Peter Zenger Awards. He has been the host for 31 years of the TV program aired nationally in the United States, “Enviro Close-Up with Karl Grossman.” He has given presentations widely on space issues including multiple times at the United Nations and before members of the British Parliament.

Dr. Martha Mejía-Kaiser

Martha Mejía-Kaiser is Member of the Board of Directors of the International Institute of Space Law (IISL) and is invited lecturer at the National Autonomous University of Mexico (UNAM). She obtained her PhD on Political and Social Sciences from UNAM, holds a diploma from the Institute of Air and Space Law from the McGill University, and is alumna of International Space University. In 2020 she was elected Corresponding Member of the International Academy of Astronautics. She worked in the Mexican Foreign Affairs Ministry and the Geophysics Institute of UNAM and was Co-Chair of the IISL Manfred Lachs Space Law Moot Court Committee. She has also published on different space law topics, including satellite remote sensing, space debris and cyber activities. In 2020, she published the book The Geostationary Ring – Practice and Law (Brill/Nijhoff, the Netherlands).
Prof. Melissa de Zwart is Professor (Digital Technology, Security & Governance) Jeff Bleich Centre for the US Alliance in Digital Technology, Security & Governance. She is a thought-leader in the area of law and technology and has a strong international profile in the fields of internet law and the regulation of access to and uses of outer space. She previously served as Dean of the Adelaide Law School, University of Adelaide (2017-2021), and Chair of the Council of Australian Law Deans. She is currently the Deputy Chair of the Space Industry Association of Australia, Board Member and Fellow of the Australian Academy of Law and a Lieutenant in the Royal Australian Navy (Reserve).

Prof. (Dr.) Ram S. Jakhu is Full Professor at the Faculty of Law (and Acting Director of Institute of Air and Space Law), McGill University, Montreal, Canada. He teaches and conducts research in international space law and public international law. He served as Director of the Institute of Air and Space Law; Director of McGill Centre for Regulated Industries; and First Director of the Master of Space Studies Program of the International Space University, Strasbourg, France; and Member of the World Economic Forum’s Global Agenda Council on Space Security. Currently, he is the Project Director of an international research project for drafting McGill Manual on International Law Applicable to Military Uses of Outer Space (McGill Manual). Recently, he initiated the curation of McGill Encyclopedia of International Space Law. In 2007, Prof. Jakhu received the “Distinguished Service Award” from International Institute of Space Law for significant contribution to the development of space law.
THE
PROGRAMME
SCHEDULE
INAUGURAL SESSION
9:30 - 10:45 A.M.

9:30 - 9:40 A.M.
Welcome Address: Prof. (Dr.) N. K. Chakrabarti, Hon’ble Vice-Chancellor, NUJS, Kolkata

9:40 - 10:00 A.M.
Inaugural Address by Prof. (Dr.) Sandeepa Bhat B., Professor of Law & Director - Centre for Aviation & Space Laws, NUJS, Kolkata
Topic: Legal Concerns in Space Tourism

10:00 - 10:20 A.M.
Keynote Address by Prof. (Dr.) Ram Jakhu, Professor at the Faculty of Law, and Acting Director of Institute of Air and Space Law, McGill University, Montreal, Canada
Topic: The Rule of Law and Capacity-Building in Space Law

10:20 - 10:40 A.M.
Special Address by Prof. Bruce K. Gagnon, Coordinator, Global Network Against Weapons & Nuclear Power in Space, USA
Topic: Dangers of Privitization of Space

10:40 - 10:45 A.M.
Vote of Thanks: Dr. Shouvik Kr. Guha, Assistant Professor & Associate Director - Centre for Aviation & Space Laws, NUJS, Kolkata
TECHNICAL SESSION I
11:00 A.M. - 12:30 P.M.

11:00 - 11:20 A.M.
Prof. (Dr.) Melissa de Zwart
Professor of Aviation Law &
Professor (Digital Technology, Security & Governance), Jeff Bleich Centre for the US Alliance in Digital Technology, Security & Governance, and Deputy Chair of the Space Industry Association of Australia

The Effect of Space Tourism on the Concept of “Astronaut” under International Law

11:20 - 11:40 A.M.
Dr. Jennifer Brobst
Associate Professor at Southern Illinois University School of Law, cross-appointed in the SIU School of Medicine Department of Medical Humanities, USA

Legal Strategies to Preserve the Natural and Cultural Heritage of Space

11:40 - 11:50 A.M.
Dr. Shouvik Kumar Guha

Astronauts or ‘Astro-Nots’? Looking at Private Space Tourism and Its Various Implications in the Light of the Kármán Line Controversy

11:50 - 12:00 NOON
Ankit Kumar Padhy & Dr. Divya Tyagi

Need to Clarify the Rescue Norms for Private Space Tourists

12:00 - 12:10 P.M.
Rohan R. Pillai & Arshi Alam

Space Tourism: Deal or No Deal?

12:10 - 12:30 P.M.
Question and Answers

(Participants are allowed to post their questions in the Q&A/chat box)
TECHNICAL SESSION II
1:30 P.M. - 3:00 P.M.

1:30 - 1:50 P.M.
Prof. (Dr.) Karl Grossman
Professor of Journalism,
State University of New York/College at Old Westbury, USA
Can Space Tourism Co-Exist with Space Being Turned into a War Zone

1:50 - 2:10 P.M.
Prof. (Dr.) G.S. Sachdeva
Adjunct Professor, NALSAR University of Law, Hyderabad
Space Tourism: Possible Crimes and their Adjudication

2:10 - 2:20 P.M.
Dr. Asha P. Soman
Legal Framework of Liability in Space Tourism: Issues and Perspectives

2:20 - 2:30 P.M.
Aaditya Vikram Sharma
Space Tourism: Learning from the Antarctic Experience

2:30 - 2:40 P.M.
Anish Dey
Law Concerning Space Tourism: A Guide from Aviation, Antarctic and International Space Station

2:40 - 3:00 P.M.
Question and Answers
(Participants are allowed to post their questions in the Q&A/chat box)
Technical Session III
3:00 P.M. - 4:35 P.M.

3:00 - 3:20 P.M.
Prof. (Dr.) Dave Webb
Convenor, Global Network Against Weapons and Nuclear Power in Space
Environmental Impacts of Space Tourism

3:20 - 3:40 P.M.
Dr. Martha Mejía-Kaiser
Member of the Board of Directors of the International Institute of Space Law (IISL)
Keeping Outer Space Safe for Human Presence

3:40 - 3:50 P.M.
Prof. (Dr.) S.N. Mukhopadhyay
God Particles (GPs) Regulated LHGBRs Exposures in Space Environment in the Space Ventures

3:50 - 4:00 P.M.
Joseph S. Raju
Developing Space Tourism in Sustainable Way by Addressing Environmental Concerns

4:00 - 4:10 P.M.
Kavya Salim
Quarantining Tourist Missions Returning from Mars: What Law Must Address and Where Must Power Lie to Avoid Possible Biocontamination on Earth?

4:10 - 4:30 P.M.
Question and Answers

4:30 - 4:35 P.M.
Vote of Thanks
1. Time stipulated in this programme schedule is in Indian Standard Time (IST). Resource persons and participants from abroad may please take note of it.

2. All resource persons are requested to login at least 15 minutes before the beginning of their respective session (We would certainly prefer your presence throughout the conference).

3. All participants should login at least 15 minutes before the commencement of the Seminar. Certificate would be issued to only those participants who participate in all sessions.

4. All PowerPoint Presentations (PPT) should be sent to casl@nujs.edu by January 20, 2022.

5. All paper presenters should strictly adhere to the time limit.

6. Organisers are not responsible for any problem with Internet connectivity. In case of loss of Internet connectivity during presentations, the opportunity would be given to the next presenter.
REGISTRATION DETAILS

Early Bird Registration Fee for Paper Presenters/Participants (within India)  Rs. 500/-

Registration Fee for Paper Presenters/Participants at Normal Rate (within India)  Rs. 1000/-

Early Bird Registration Fee for Paper Presenters/Participants (outside India)  USD 20/-

Registration Fee for Paper Presenters/Participants at Normal Rate (outside India)  USD 50/-

*All charges relating to payment of registration fee are to be borne by the paper presenter/participant.

**Screenshot of the payment details should be uploaded during registration.

***Registration fee, once paid, would not be refunded for any reason.

The registration fee has to be paid via online transfer to the following account:

Name: Centre for Aviation and Space Laws
Account No: 066322010001131
Bank & Branch: Union Bank of India, NUJS Campus Branch
IFSC Code: UBINO906638
SWIFT Code: UBININBBKOD

Invited resource persons, members of CASL (NUJS) and students of NUJS are exempted from the payment of the registration fee.
THE ORGANISING COMMITTEE
Prof. (Dr.) Sandeepa Bhat is working as a Professor of Law and Director of Centre for Aviation and Space Laws at WBNUJS, Kolkata. He has the experience of researching on five Major Research Projects sponsored by World Bank, ISRO, the WB Judicial Academy, Ministry of Justice and Ministry of Environment, Forest and Climate Change. He is also a Member of International Institute of Space Law (IISL). Dr. Bhat has published six books and more than fifty articles in the journals of international and national repute. He has presented over hundred research papers in international and national conferences including the coveted International Astronautical Congress. He also has the distinction of being the member of Indian Space Research Organization’s Expert Advisory Group for drafting the National Space Act for India.

Dr. Shouvik Kumar Guha is currently working as an Assistant Professor of Law (Senior Scale) at WBNUJS, after having completed his B.A., LLB. (Hons.), LL.M. and Ph.D. in law. He is the Associate Director of the Centre for Aviation and Space Laws, NUJS, and a member of the global forum of Sustainable Market Actors for Responsible Trade (SMART), the Network of Indian Competition Experts - Cartel Working Group (NICE-CWG). He is also associated with several leading national and international law journals in an editorial and reviewing capacity, and has to date to his credit about sixty-five publications including book chapters, conference papers, and journal articles.
Prof. (Dr.) N. K. Chakrabarti  
(Patron, Vice Chancellor, WBNUJS)

Prof. (Dr.) Sandeepa Bhat  
(Coordinator)

Dr. Shouvik Kumar Guha

Anushna Mishra

Aabha Achrekar

Akshay Luhadia

Rohit Gupta

Soumya Gupta

Simran Upadhyaya

Tushar Krishna

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