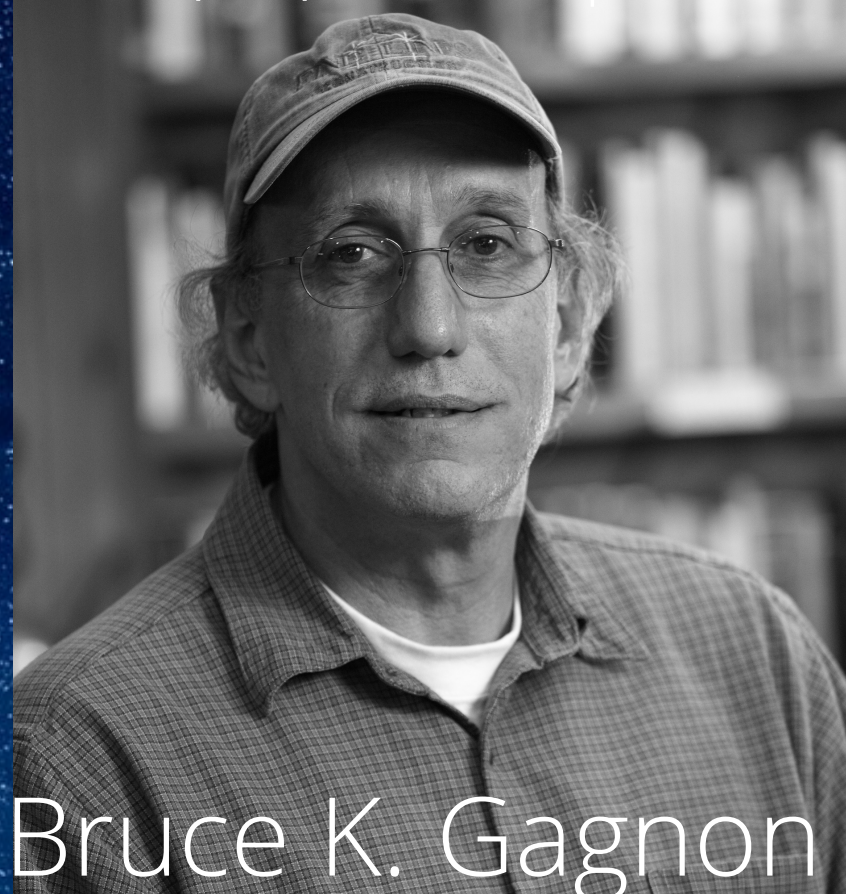




Prof. (Dr.) Sandeepa Bhat



Bruce K. Gagnon



Prof. Dave Webb



Dr. Aruna Kammila



Prof. Subrata Ghoshroy

# WORKSHOP ON PEACEFUL USES OF OUTER SPACE

Centre for Aviation and Space  
Laws, The WB National  
University of Juridical Sciences

October 6th, 2021

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# BACKGROUND OF RESOURCE PERSONS

Prof. (Dr.) Sandeepa Bhat is working as a Professor of Law and Director of Centre for Aviation and Space Laws at NUJS Kolkata. He has the distinction of being the member of the American Society of International Law, Baltimore, USA, International Academy of Space Law, Moscow, Russia, and the International Institute of Space Law, Paris, France. Dr. Bhat has published three books on Space Law and three books on Medical Law. In addition, he has published more than fifty articles in the journals of international and national repute. He has presented over hundred and ten research papers in the international and national conferences. He also has the distinction of being a member of Indian Space Research Organization's Expert Advisory Group for drafting the National Space Act for India.

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.

Prof. 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.

Dr. Aruna Kammila is an Associate Professor with a demonstrated history of working in the legal services industry. Skilled in cyber laws, public international law, international criminal law, maritime law and space law. She is one of the board of advisors at Global Network Against Weapons and Nuclear Power in Space. She is currently working as an Associate Professor at School of Law, Galgotias Univesity, Greater Noida, Uttar Pradesh; she is the chair of the LLM Program and the head for Post Graduate Legal Studies. She is in charge of centre for research in International Laws and Law Journal. She has both academic and industrial experience for 20 years in India and abroad.

Prof. Subrata Ghoshroy is a Research Affiliate with the Program in Science, Technology, and Society at the Massachusetts Institute of Technology, USA. He is also a Visiting Professor at the Tokyo Institute of Technology, Tokyo. He spent two decades as an engineer in defense research before transitioning to the policy world in 1996 after receiving an IEEE Congressional Fellowship. He later became a professional staff member of the US Congress and following that, a Senior Defense Analyst at the US Government Accountability Office (GAO), the investigative arm of Congress. His research includes military funding of research, nuclear weapons, nuclear disarmament, missile defense, and space weapons. He is the Co-Chair of the International Network of Engineers and Scientists for Global Responsibility (INES), which is based in Berlin, Germany.

# PROGRAMME SCHEDULE

**4:00 pm – 4:05 pm**

**Welcome**

**4:05 pm – 4:15 pm**

**Opening Remarks by Prof. (Dr.) Sandeepa Bhat B.,  
Professor of Law & Director - Centre for Aviation  
& Space Laws, NUJS, Kolkata**

Topic: Limitations of Art. IV of the Outer Space Treaty  
in Ensuring Peaceful Uses of Outer Space

**4:15 pm – 4:35 pm**

**Address by Bruce K. Gagnon, Coordinator - Global  
Network Against Weapons & Nuclear Power in  
Space**

Topic: Space Nuclear Power: Uses, Dangers, Past  
Accidents

**4:35 pm – 4:55 pm**

**Address by Prof. Dave Webb, Convener - The Global  
Network Against Weapons and Nuclear Power in  
Space**

Topic: Space Technologies and the Environment

**4:55 pm – 5:15 pm**

**Address by Dr. Aruna Kammila, Associate  
Professor, Galgotias University, Greater Noida**

Topic: Demilitarisation of Outer Space and the  
Plausibility

**5:15 pm – 5:35 pm**

**Address by Prof. Subrata Ghoshroy, Research  
Affiliate with the Program in Science,  
Technology, and Society, Massachusetts  
Institute of Technology, USA & Visiting  
Professor, Tokyo Institute of Technology, Tokyo**

Topic: US Missile Defense and Space Policy: Harmful  
to Global Strategic Stability

**5:35 pm – 5:55 pm**

**Questions & Answers**

**5:55 pm – 6:00 pm**

**Vote of Thanks**