

SAFETY, SECURITY AND SUSTAINABILITY IN SPACE

Mythbusters and Managing Risks



London Branch Live Webinar

Thursday 8 October 2020 | 18:00 - 19:30

To celebrate World Space Week 2020 we are excited to bring together safety and space specialists to explore the significant challenges that are developing in sustainable space operations today. Such challenges are driven by the lack of space situational awareness and gaps in risk awareness and risk understanding. This event aims to drive forward clarity on the topics for action right now.

Our three speakers, all experts in their fields, will explore the reality of space operations right now, the hazards and the situations with the potential to cause harm, the legal underpinnings of space governance, including the issue of apportioning blame and highlight the gaps in the risk assessment process through a study of an active debris removal mission.

#worldspaceweek #safety #reliability #sustainability #sars

Speakers:

Ralph 'Dinz' Dinsley, Christopher Newman, Emma Taylor

Register here for the live webinar: www.sars.clickmeeting.com

You don't need to be a member of SaRS to attend!



ABOUT OUR SPEAKERS



Ralph "Dinz" Dinsley is the founder and Executive Director of Northern Space and Security Limited (NORSS), a rapidly growing Space Situational Awareness company based in Northumberland, England supporting government, industry and academic space operations. A retired RAF Officer with more than 33 years of service he was an "Air Defender" by choice and "Space Surveillance and Tracking Practitioner" by chance. His distinguished career culminated in leading the MoD operational contribution in two significant international programmes and his unique military career was underpinned as a CAS Fellow, with an MA in Peace and Development from Leeds Beckett University; his dissertation was titled "Critical Perspectives on UK Space Security".



Professor Christopher Newman, BA(Hons), PhD is Professor of Space Law and policy at Northumbria University in Newcastle. He has been active in the teaching and research of space law for over two decades and has published extensively on the legal and ethical underpinnings of space governance. He has published numerous articles on space law, in particular the interaction of regulation, law and policy in the space industry. He has co-written the book "Frontiers of Risk in Space" on the variety of risks involved in human space activity.



Dr Emma Ariane Taylor is an award-winning Chartered Engineer with 30 years of experience in safety, working across space, energy and transport. A Non-Exec Director and former Chair of the Safety and Reliability Society, she has worked for the European Space Agency, and led an ISO standards team on sustainability of orbital regions, researching resilience of spacecraft structures under debris impact. A Fellow of the Institution of Mechanical Engineers and the Royal Astronomical Society Emma is currently leading strengthening of safety risk assessment to include security (physical and digital) and sustainability. As a FT100 Influential Women in Engineering, she mentors widely to create a positive climate for cross-safety cross-sector safety discussions, using diverse perspectives to positively disrupt the status quo.



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