



Antrix Corporation
Limited



Indian Space
Research Organisation



Confederation of Indian Industry

International Space Conference and Exhibition 2021

13-15 September 2021 | Over Digital Platform

DAY 1 – 13 September 2021

Inaugural Session

1400 – 1405 Hrs	Welcome Address	Rakesh Sasibhushan Chairman, CII National Committee on Space; CMD, Antrix Corporation Limited
1405 – 1410 Hrs	Address	Rajan Navani Chairman, CII India@75 Council
1410 – 1415 Hrs	Address	Dr D Radhakrishnan Chairman and Managing Director NewSpace India Limited (NSIL)
1415 – 1425 Hrs	Special Address	R Umamaheshwaran Scientific Secretary, ISRO and Incharge (IN-Space Activities)
1425 – 1435 Hrs	Special Address	Nico van Putten Deputy Director Netherland Space Office (NSO)
1435 – 1445 Hrs	Special Address	Anthony Murfett Deputy Head Australia Space Agency
1445 – 1455 Hrs	Special Address	Dr Pawan Goenka Chairman Designate IN-Space
1455 – 1505 Hrs	Special Address	Dr K.Sivan Chairman, ISRO Secretary, Department of Space
1505 – 1510 Hrs	Vote of Thanks	A Arunachalam Director NewSpace India Limited (NSIL)



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Session – 1

1515 - 1645 Hrs	Shaping future with Geospatial applications: Emerging trends and Issues
<p>India has earned its place in the top-ranking space-faring nations and the credit goes to growing space-based applications/ services over the years including satellite communication for telecommunication, broadcasting and broadband infrastructure, Earth observation and space-based imagery for weather forecasting, disaster management support, natural resource mapping and planning, satellite-aided navigation such as GAGAN and IRNSS (NavIC); evolving infrastructure, and entrepreneurs to master this cusp of space technology; synergetic applications using satcom, earth observation and navigation; evolving current policies and FDI in space sector in India. With the game-changing technologies and emerging commercial capabilities in space industry, we have countless opportunities to shape future of human kind globally. But there are challenges that will have to be addressed like space traffic management, orbital debris, policy formulation etc.</p> <p>The session would focus on the following:</p> <ul style="list-style-type: none"> ➤ Critical role played by space applications for different sectors ➤ Evolving space applications and commercial opportunities ➤ Evolving infrastructure and space tech entrepreneurs ➤ Role of policies including open data policies, RS and Geospatial Policy, FDI ➤ Explore the issues and turning them into opportunities to shape the future of space 	
Session Chairperson	Rajkumar (Dr), Director, National Remote Sensing Centre(NRSC), ISRO
Panelists	Ish Mohan Bahuguna (Dr), Deputy Director, SAC, ISRO
	Rohan Verma, CEO & Executive Director, MapmyIndia
	Deven Laheru, President BD, Scanpoint Geomatics Ltd
	Coco Antonissen, Advisor Earth Observation Netherlands Space Office
	Prateep Basu, Founder, Satsure
	Mani Thiru , APJ Space Industry Development Leader Aerospace & Satellite Solutions, Amazon Web Services



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Session – 2

1700 - 1800 Hrs	Research Collaborations and Building Technological Capabilities for Industry in Space
<p>Space is a multi-faceted discipline which can yield benefits to many areas such agriculture, transport, urban development, land cover and use, weather, disaster management, water resources, communication and entertainment etc. The disruptive technologies bring in benefits to the society in exponential scale. The advanced technologies like quantum mechanics, Synthetic aperture radars, multi-spectral solutions, green propellants, etc. provide huge potential for research in the space domain, and product development. These areas of research demand capital intensive resources for qualifying the technologies and develop the products. Building the capacity in the form of clusters and sharing of the resources would enable interested agencies to invest human capital and bring out disruptive technologies. The outcome on account of spin-offs out of these resultant technologies would be exponential.</p> <p>The session would focus on the following:</p> <ul style="list-style-type: none"> • Research & Development of disruptive technologies • Advanced technologies like quantum mechanics, Synthetic aperture radars, etc. • Building Space eco system to support & share capital intensive resources • Outcome on account of spin-off technologies. 	
Session Chairperson	N Sudheer Kumar, Director, CBPO, ISRO HQ
Panelists	Balamuralidhar, Chief Scientist, TCS Research
	Ashwini Ratnoo (Dr), Associate Prof. IISC, Bangalore
	Joji J Chaman, Deputy Director, IISU, ISRO
	G Ayyappan, Chief Technology Officer, IIST
	Gurvinder Singh, Head, SCL, ISRO
	Dinesh Kumar Singh, Deputy Director, SAC, ISRO
	Tirtha Pratim Das (Dr), Director, DTDI
	Virginia Kilborn (Prof), Chief Scientist Swinburne University, Australia
	Alfred Stein (Prof), ITC Twente