Date & Hall	3 August 2022 - Day 03 - Hall 02	
Time	11:00-13:00 UTC | 07:00-09:00 EDT | 16:30- 18:30 IST | 21:00- 23:00 AEST	
Session	Radio sciences for Arctic and Antarctica: from the atmosphere to the geospace	
Convenors	Giorgiana De Franceschi, Nicolas Bergeot, Shreedevi P R, Emilia Correia, Domenico Di Mauro, Renata Lukianova, Sonya Lyatskaya	
Time (UTC)	**Speaker**	**Title**
11.00-11.10	Lucilla Alfonsi	Radio Sciences Research on AntarCtic AtmosphEre
11.15-11.25	Thayyil Jayachandran	Polar Cap Patches and Airglow Intensity Variations – A Comparative Study with Ionosonde
11.30-11.40	Tamara Yegorova	Magnetic field mapping of the Argentine Islands shelf zone, West of the Antarctic Peninsula
11.45-11.55	Rayan Imam	Machine learning for curing scintillation data in SANAE IV Antarctic station
12.00-12.10	Dwijendra N. Pandey	Poleward Dissemination of the Ionospheric disturbances associated with the 2022 Tonga volcanic eruption
12.15-12.25	Jianjun Liu	Simultaneous ground-based optical and SuperDARN observations of the interplanetary Shock Sudden Compression
12.30-12.40	Andriy Zalizovski	First results of RF measurements on board the Ukrainian research vessel Noosfera on the way to Antarctic Peninsula
13.00-13.10	Jeeva Krishnamoorthy	Transient behaviour of the concentration of the bipolar small ions monitored at Indian Antarctic station (70. 76˚S, 11.74˚E), Maitri, and its correlations to radon and meteorological parameters

13.15-13.25	Shipra Sinha	Hemispheric Asymmetry in the Cosmic Noise Absorption Response during Intense Solar Flare Events
13.30-13.40	Nicolas Bergeot	Overview of the SCAR Expert Group GRAPE (GNSS Research and Application to Polar Environment) activity 2012-2022
13.45-13.55	Luís Tiago Medeiros Raunheitte	Gravity waves characterization in the lower ionosphere using VLF observations at Comandante Ferraz Brazilian Antarctic Station
14.00-14.10	Wojciech Miloch	Space weather studies at the Troll Ionospheric Observatory in Dronning Maud Land, Antarctica
14.15-14.25	Mohan Agrawal	Recent developments towards deciphering the low-frequency radio universe with ALBATROS —an upcoming, high-resolution interferometer observing from Arctic and sub-Antarctic regions.
14.30-14.40	Pamela Yaninska	ALBATROS front-end electronics development for low-frequency radio observations from the sub -Antarctic and Arctic
14.45-14.55	Juliano Moro	Characterization of the ionosphere response in the South America sector to the 30 March 2022 solar event