Instruments for ESA's Distributed Space Weather Sensor System (D3S)

Wednesday, 23 October 2019

Instrument presentations - H-I (14:00 - 18:25)

time	[id] title	presenter
14:00	[26] multi-Needle Langmuir Probe invented for space weather satellites	BEKKENG, Tore André
14:20	[4] Radiation Monitors - Outlook	Mr BUCHHEIM, Klaus
14:40	[16] Radiation monitoring hosted payloads: ICARE_NG2	BOURDARIE, Sebastien
15:00	[19] Energetic Particle Spectrometers for Application within the Distributed Space Weather Sensor System (D3S): The Energetic Particle Telescope (EPT), its Proposed Miniaturization and the 3D Energetic Electron Spectrometer (3DEES)	Dr BORISOV, Stanislav
15:20	[22] From keV to GeV - energetic particle instrumentation made in Kiel	ELFTMANN, Robert
15:40	Coffee	
16:10	[12] Radiation-Hard Electron Monitor for ESA JUICE mission	SOCHA, Patryk
16:30	[18] Medium Energy Particle Spectrometer (MEPS) for ESA Lagrange Mission	Dr RAVANBAKHSH, Ali Dr KULKARNI, Shri Mr ROBERT, Elftmann
16:50	[20] CubeSat compatible instrumentation for monitoring the radiation environment	Prof. VAINIO, Rami
17:10	[10] Instrumentation for correlated measurements of Cosmic Ray LET spectra	Dr HAJDAS, Wojtek
17:30	[6] Penetrating particle ANalyzer (PAN) for deep space applications	WU, Xin
17:50	[28] ArduSiPM a small, light and low power, All-In-One particle detector	BOCCI, Valerio

Thursday, 24 October 2019

Instrument presentations - H-I (09:00 - 13:10)

time	[id] title	presenter
09:00	[3] D3S-RADMAG combined particle radiation and magnetic field measuring instrument package development for ESA's D3S System	Mr ZABORI, Balazs
09:20	[9] SOSMAG: A Service Oriented Space Weather Magnetometer	FISCHER, David
09:40	[24] Development of a different range of magnetometers for space weather applications	Dr PALLA, Chiara
10:00	[23] Enhanced performance low resource in-situ sensors for space missions	KATARIA, Dhiren
10:20	[13] SLP, the Sweeping Langmuir Probe instrument	RANVIER, Sylvain
10:40	[25] AMBER, The French Plasma Monitor dedicated to Spacecraft Charging	SAUVAUD, Jean André
11:00	Coffee	
11:30	[17] Instrumentation of Energetic Neutral Atoms for Space Weather Monitoring	Mr FUTAANA, Yoshifumi
11:50	[15] WFAI: An hyperspectral imager for auroral monitoring	BARTHELEMY, Mathieu
12:10	[27] Development of compact Solar Imagers	KINTZIGER, Christian
12:30	[29] Contribution to Lagrange PMI	BERGEMANN, Christiane

Instrument presentations - H-I (14:30 - 16:10)

time	[id] title	presenter
14:30	[8] Monitoring solar and interplanetary radio emissions with magnetic loop sensors	Prof. DUDOK DE WIT, Thierry
14:50	[7] Wave instrument for Distributed Space Weather Sensor System	Prof. LICHTENBERGER, János
15:10	[14] The AIDA Micro-Particle Detector	Dr BUNTE, Karl Dietrich
15:30	[21] CubeSat constellation for monitoring of space weather	Dr HUOVELIN, JUHANI
15:50	[11] CHESS - Constellation of High Energy Swiss Satellites for D3S	Mr TREBAOL, Tristan