SESSION DETAIL FOR SCIENTIFIC PROGRAMME: IAGA

ORAL PRESENTATIONS

A01 - Geomagnetic secular variation and rapid core dynamics (DIV I - DIV V)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A01	354	Automated absolute magnetic measurements for monitoring of the main field changes	Mr.	Jean	Rasson	Mon	28-Aug	08h30	1.41
A01	576	Sequential assimilation of the Earth's core magnetic field and secular variation	Mr.	Julien	Baerenzung	Mon	28-Aug	09h00	1.41
A01	957	Assimilation of geomagnetic data, a window to a better understanding of core dynamics	Dr.	Sabrina	Sanchez	Mon	28-Aug	09h30	1.41
A01	221	A global analysis of the quasi-biennial oscillation in the geomagnetic field	Mr.	Jiaming	Ou	Mon	28-Aug	10h30	1.41
A01	884	Detection of secular acceleration pulses from observatory data	Dr.	Anatoly	Soloviev	Mon	28-Aug	11h00	1.41
A01	211	Identifying MHD waves in numerical models of the geodynamo	Dr.	Robert	Teed	Mon	28-Aug	11h15	1.41

A02 - Earth's core dynamics and planetary dynamos (DIV I)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A02	799	Saturn’s magnetic field and dynamo in the Cassini era	Prof.	Michele	Dougherty	Tues	29-Aug	08h30	1.41
A02	328	Analysis of initial Juno magnetometer data: Use of an elastic net to probe small-scale structure in Jupiter's magnetic field	Prof.	Jeremy	Bloxham	Tues	29-Aug	09h00	1.41
A02	929	A time-averaged regional model of the Hermean magnetic field	Dr.	Erwan	Thebault	Tues	29-Aug	09h15	1.41
A02	1281	Characteristics of Mercury's magnetic fields and their temporal variations	Dr.	Ingo	Wardinski	Tues	29-Aug	09h30	1.41
A02	473	Constraining the date of the martian dynamo shutdown by means of craters’ magnetization signatures	Dr.	Matthias	Grott	Tues	29-Aug	09h45	1.41
A02	533	Probing the core surface flow with satellite data	Prof.	Kathy	Whaler	Tues	29-Aug	10h30	1.41
A02	1077	The inner core’s 3-D rotation under the mantle-inner core gravitational coupling: A revisit	Prof.	Benjamin Fong	Chao	Tues	29-Aug	11h00	1.41
A02	728	Effects of lateral CMB heat flow variations on a thermally stratified outer core	Dr.	Grace	Cox	Tues	29-Aug	11h15	1.41
A02	313	Are laminar and turbulent hydromagnetic dynamos dependent on the Prandtl number?	Dr.	Jan	Simkanin	Tues	29-Aug	11h30	1.41
A02	1179	Initial iron-60 abundance in the solar nebula constrained by delayed onset of a planetesimal dynamo	Dr.	Huapei	Wang	Tues	29-Aug	11h45	1.41

A03 - Towards an understanding of the time variations of the geodynamo (DIV I)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A03	1478	On Models of Growth and Decay of Earth's Dipole Moment	Prof.	Catherine	Constable	Wed	30-Aug	08h30	1.41
A03	490	Archeomagnetic intensity spikes – how unusual are they?	Dr.	Monika	Korte	Wed	30-Aug	09h00	1.41
A03	368	Transdimensional Inference of Archeomagnetic Intensity Change	Dr.	Phil	Livermore	Wed	30-Aug	09h15	1.41
A03	504	Combined Investigations of Geomagnetic Field Evolution and Cosmogenic Isotope Production Rates on Multi-Millennial Time Scales	Dr.	Sanja	Panovska	Wed	30-Aug	09h30	1.41
A03	349	The time-averaged palaeomagnetic field during 3-7 Ma at high northern latitudes	Dr.	Adrian	Muxworthy	Wed	30-Aug	09h45	1.41
A03	480	Is the geomagnetic field evolution during the Laschamp excursion similar to the present field evolution?	Dr.	Carlo	Laj	Wed	30-Aug	10h30	1.41
A03	505	Documenting the field changes during the last geomagnetic reversal	Mr.	Jean-Pierre	Valet	Wed	30-Aug	11h00	1.41
A03	772	On the Possibility of Lightning-Induced Remagnetization of Detrital Minerals During Continental Erosion	Prof.	Joseph L.	Kirschvink	Wed	30-Aug	11h15	1.41
A03	773	Coarse predictions of dipole reversals by low-dimensional modeling and data assimilation	Dr.	Gauthier	Hulot	Wed	30-Aug	11h30	1.41
A03	947	Precambrian paleointensity – perspectives and challenges	Dr.	Elisa	Piispa	Wed	30-Aug	11h45	1.41

A04 - Open session on paleo- and rock magnetism (DIV I)
A05 - 50 years since Zijderveld: Tectonic reconstructions from palaeomagnetism and magnetic fabric (DIV I)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A04 A05	592	Low- and high field AMS of the Early Triassic rocks from Spitsbergen	Mrs.	Katarzyna	Dudzisz	Mon	28-Aug	08h30	2.44 - 2.46
A04 A05	794	Paleomagnetic evidence for a collision of Patagonia with Gondwana in the Permo-Triassic?	Dr	Augusto	Rapalini	Mon	28-Aug	08h45	2.44 - 2.46
A04 A05	1449	Identification of Mass Transport Deposits on the Submarine Bank of Portimão (Gulf of Cadiz, SW Iberia)	Dr.	Pedro	Silva	Mon	28-Aug	09h00	2.44 - 2.46
A04 A05	1094	Anomalous variation of magnetic anisotropy with low-field in some volcanic dykes and its magneto-mineralogical origin	Prof.	Frantisek	Hrouda	Mon	28-Aug	09h15	2.44 - 2.46
A04 A05	1165	Anisoft and Complex Treatment of Magnetic Anisotropy Data	Dr.	Martin	Chadima	Mon	28-Aug	09h30	2.44 - 2.46
A04 A05	1477	The MagIC (Magnetics Information Consortium) Database: Current Status and Future Prospects	Prof.	Catherine	Constable	Mon	28-Aug	09h45	2.44 - 2.46
A04 A05	806	On the cause of the non-Gaussian distribution of residuals in geomagnetism	Dr.	Gauthier	Hulot	Mon	28-Aug	10h30	2.44 - 2.46
A04 A05	807	Principal component analysis of palaeomagnetic directions: converting a Maximum Angular Deviation (MAD) into a 95 angle	Prof.	Andrei	Khokhlov	Mon	28-Aug	10h45	2.44 - 2.46
A04 A05	920	VARIFORC v.4: a new tool for dealing with the complexity of advanced FORC analyses without specialized knowledge	Dr.	Ramon	Egli	Mon	28-Aug	11h00	2.44 - 2.46
A04 A05	692	Rock magnetism applied to decipher the firing conditions in mysterious Neolithic burnt settlements in SE Europe and the case study of Mursalevo site (Bulgaria)	Prof.	Neli	Jordanova	Mon	28-Aug	11h15	2.44 - 2.46

A04 A05	995	Revisiting the connection between the past geomagnetic field and the radionuclide production rate	Mr.	F. Javier	Pavón-Carrasco	Mon	28-Aug	11h30	2.44 - 2.46
A04 A05	1285	Environmental magnetism study for the determination of paleoclimates and paleoenvironmental conditions in Serdan Oriental Basin.	Mr.	Kurt Heinrich	Wogau	Mon	28-Aug	11h45	2.44 - 2.46

A06 - Environmental and magnetic signal in sediments, soils, and dust (DIV I)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A06	347	First magnetic monitoring of the London's particulate matter	Dr.	Adrian	Muxworthy	Wed	30-Aug	13h30	1.41
A06	686	Wildfires as a factor in build-up of the environmental magnetic record of forest soils	Prof.	Diana	Jordanova	Wed	30-Aug	14h00	1.41
A06	1028	Source-to-sink magnetic properties of NE Saharan dust: paleoenvironmental implications	Dr.	Juan	Larrasoaña	Wed	30-Aug	14h15	1.41
A06	1133	The application of magnetics measurements in South African 'cut and fill' landscapes: implications for reconstructing internal and external drivers.	Dr.	Chris	Oldknow	Wed	30-Aug	14h30	1.41
A06	918	Can syn-depositional remanent magnetizations faithfully record the Earth magnetic field? First insights from a new model	Dr.	Ramon	Egli	Wed	30-Aug	15h30	1.41
A06	631	Past variations of the deep circulation in the South China Sea reconstructed using magnetic properties of sediments.	Dr.	Catherine	Kissel	Wed	30-Aug	16h00	1.41
A06	1463	Magnetic signal from the Archean/Paleoproterozoic Transition from the Pilbara Craton, Western Australia	Dr.	Julie	Carlut	Wed	30-Aug	16h15	1.41

A07 - Earth and beyond: The theory and applications of rock magnetism (DIV I)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A07	945	How do sediments get magnetized?	Dr.	David	Heslop	Thurs	31-Aug	13h30	2.44 - 2.46
A07	985	Thermal stability of Palaeomagnetic Recorders.	Prof.	Wyn	Williams	Thurs	31-Aug	14h00	2.44 - 2.46
A07	793	Frequency-Dependent Magnetic Susceptibility: How Trustworthy It Is in Proving Superparamagnetic Particles?	Dr.	Eduard	Petrovsky	Thurs	31-Aug	14h15	2.44 - 2.46
A07	943	Utilize rock magnetism to better determine paleointensities for Thellier-series experiments	Dr.	Huapei	Wang	Thurs	31-Aug	14h30	2.44 - 2.46
A07	1434	Paleointensity results of Modipe Gabbro of Botswana and implications to future paleomagnetic studies in the region	Dr.	James	King	Thurs	31-Aug	15h30	2.44 - 2.46
A07	1129	Fluid infiltration in a fault: a rock magnetic, mineralogical, and geochemical assessment of the Yingxiu-Beichuan fault (Longmen Shan thrust belt, China)	Dr.	Mark	Dekkers	Thurs	31-Aug	16h00	2.44 - 2.46
A07	791	On the anisotropy of magnetization measurements of deformed hematite samples	Dr.	Eduard	Petrovsky	Thurs	31-Aug	16h15	2.44 - 2.46
A07	333	Paleomagnetic field reconstruction from mixtures of titanomagnetites	Dr.	Thomas	Berndt	Thurs	31-Aug	16h30	2.44 - 2.46
A07	366	The Hunting of the 'Psark' - 40 Years On	Prof.	Wyn	Williams	Thurs	31-Aug	16h45	2.44 - 2.46

A08 - agnetic and electromagnetic developments in exploration for mineral resources and hydrocarbons in continental and marine environments (DIV I - DIV VI)
A40 - Geophysical characterization of continental cratons and implications for mineral systems and exploration (DIV VI - DIV I - DIV V)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A08 A40	1150	3D COnductivity of the US Lithosphere: Results from the EarthScope MT-TA	Dr.	Gary	Egbert	Tues	29-Aug	08h30	1.42
A08 A40	1215	Capricorn Orogen (Western Australia): Analysis, inversion and interpretation of an unusual magnetotelluric dataset with widespread out-of-quadrant phase responses	Dr.	Perla	Pina-Varas	Tues	29-Aug	09h00	1.42
A08 A40	1238	Magnetotelluric characterization of cratonic lithosphere and controls on mineral deposits: examples from South Australia	Dr.	Stephan	Thiel	Tues	29-Aug	09h30	1.42
A08 A40	688	Proterozoic collisional suture between the Archean Dharwar and Coorg Blocks of South India and their tectonic history as inferred from magnetotelluric data	Dr.	Abdul Azeez	Kizhakkekara Kunjavaran	Tues	29-Aug	09h45	1.42
A08 A40	1081	New and revised crustal and upper mantle terraine boundaries in Southern Africa: Implications for regional metallogenesis	Dr.	David	Khoza	Tues	29-Aug	10h30	1.42
A08 A40	1123	MT imaging of golden deposits across the SW Amazon Craton, Brazil	Miss.	Clarisse	Monteiro Fernandes	Tues	29-Aug	11h00	1.42
A08 A40	1392	Modern concepts for exploration and monitoring using CSEM on land	Prof.	Oliver	Ritter	Tues	29-Aug	11h15	1.42
A08 A40	203	Magnetic anisotropy of Silurian organic-rich shales and carbonate concretions from Northern Poland	Miss.	Dominika	Niezabitowska	Tues	29-Aug	11h30	1.42
A08 A40	749	Controlled Source Electromagnetic Modelling of Hydraulic Fracturing	Mr.	Matthew	Couchman	Tues	29-Aug	11h45	1.42

A09 - Scientific results from the Swarm constellation mission (DIV I - DIV VI)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A09	937	Swarm - ESA's magnetic field and geospace research constellation explorer: results and perspectives beyond the nominal mission lifetime	Dr.	Rune	Floberghagen	Mon	28-Aug	08h30	2.41 - 2.43
A09	135	An accelerating high-latitude jet in Earth's core	Dr.	Phil	Livermore	Mon	28-Aug	09h00	2.41 - 2.43
A09	731	Global geomagnetic field modelling using three years of the experimental ASM-V vector data on board the Swarm satellites	Mr.	Pierre	Vigneron	Mon	28-Aug	09h30	2.41 - 2.43
A09	860	Electrical Conductivity of the Earth's Mantle: Time-domain Inversion of Swarm Data	Dr.	Jakub	Velímský	Mon	28-Aug	09h45	2.41 - 2.43
A09	641	North-south asymmetries in polar ionospheric currents - effects of asymmetries in the main magnetic field	Dr.	Karl	Laundal	Mon	28-Aug	10h30	2.41 - 2.43
A09	279	Climatology of the polar electrojets using Swarm and older satellites	Mr.	Ashley	Smith	Mon	28-Aug	11h00	2.41 - 2.43
A09	856	Determining statistical patterns of the auroral electrojet system from Swarm satellite magnetic data	Mrs.	Cecilie Drost	Aakjær	Mon	28-Aug	11h15	2.41 - 2.43
A09	1070	Characteristics of magnetic ripples as observed by Swarm satellites and their relation to micro-barometric and ground magnetic variations	Prof.	Toshihiko	Iyemori	Mon	28-Aug	11h30	2.41 - 2.43
A09	836	Study of Substorm associated Pi2 pulsations in different local time sectors	Dr.	Neethal	Thomas	Mon	28-Aug	11h45	2.41 - 2.43
A09	876	Scientific Results from the Swarm Electric Field Instruments (EFIs)	Dr.	David	Knudsen	Mon	28-Aug	13h30	2.41 - 2.43

A09	850	Scientific results from SIFACIT, Swarm-SECS, Swarm-Aurora and SwarmSuperMAG_2015 projects	Dr.	Lorenzo	Trenchi	Mon	28-Aug	14h00	2.41 - 2.43
A09	709	Swarm satellite data analyses for earthquake preparatory phase studies	Prof.	Angelo	De Santis	Mon	28-Aug	14h15	2.41 - 2.43
A09	786	The Swarm Delta NanoMagSat project, latest news	Dr.	Gauthier	Hulot	Mon	28-Aug	14h30	2.41 - 2.43
A09	1246	Evolution of the Swarm ASM-Vs: a miniaturized version with enhanced metrological capabilities	Dr.	Jean-Michel	Léger	Mon	28-Aug	14h45	2.41 - 2.43

A10 - Coupling Processes in the Atmosphere-Ionosphere System (DIV II-C/ICMA/SCOSTEP)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A10	1431	Coupling of the gravity wave activity, climate phenomena and middle atmospheric dynamics	Prof.	Petr	Pisoft	Mon	28-Aug	13h30	2.44 - 2.46
A10	140	Interhemispheric coupling and its influence on the mesosphere	Dr.	Bodil	Karlsson	Mon	28-Aug	13h45	2.44 - 2.46
A10	1347	Dynamical Response of the Northern Middle- and High-Latitude Mesosphere to Local and Global Variations	Dr.	Fazlul	Laskar	Mon	28-Aug	14h15	2.44 - 2.46
A10	1161	Ionospheric Irregularities and Plasma Bubbles Observed by GPS TEC and OI 630 nm Airglow: Signature of Troposphere-Ionosphere Coupling	Prof.	Hisao	Takahashi	Mon	28-Aug	14h45	2.44 - 2.46
A10	808	Energetic particle influence on the Earth's atmosphere	Dr.	Irina	Mironova	Tues	29-Aug	08h30	2.44 - 2.46
A10	352	Geomagnetic activity and polar surface air temperature variability - energetic particle precipitation coupling between the magnetosphere, ionosphere and the atmosphere	Dr.	Mark	Clilverd	Tues	29-Aug	09h00	2.44 - 2.46

A10	1527	Survey of CIR-related minor-to-moderate magnetic storm effects on ionosphere: American sector	Dr.	Dalia	Buresova	Tues	29-Aug	09h30	2.44 - 2.46
A10	124	Impacts of SABER CO2-based Eddy Diffusion Coefficients in the Lower Thermosphere on the Ionosphere/Thermosphere	Mr.	Cornelius Csar Jude	Salinas	Tues	29-Aug	09h45	2.44 - 2.46
A10	160	Kelvin wave coupling from timed and goce: inter/intra-annual variability and solar activity effects.	Dr.	Federico	Gasperini	Tues	29-Aug	10h30	2.44 - 2.46
A10	144	On the Relationship between Sporadic-E and ENSO Observed by FORMOSAT-3/COSMIC	Dr.	Loren	Chang	Tues	29-Aug	11h00	2.44 - 2.46
A10	375	Satellite observations of atmosphere-ionosphere vertical coupling by gravity waves	Dr.	Thai	Trinh	Tues	29-Aug	11h30	2.44 - 2.46
A10	376	Turbulence and Wave Transport in the Mesopause Region	Prof.	Alan	Liu	Tues	29-Aug	11h45	2.44 - 2.46
A10	1192	Small-scale gravity wave effects on the thermospheric diurnal migrating tide	Dr.	Erdal	Yigit	Tues	29-Aug	13h30	2.44 - 2.46
A10	933	Characteristics of the small-scale mesospheric gravity waves observed with an airborne Advanced Mesospheric Temperature Mapper	Dr.	Pierre-Dominique	Pautet	Tues	29-Aug	13h45	2.44 - 2.46
A10	1446	Study on gravity waves using ground based and satellite measurements	Dr.	Igo	Paulino	Tues	29-Aug	14h00	2.44 - 2.46
A10	83	Coseismic infrasound in the ionosphere by continuous Doppler sounding	Dr.	Jaroslav	Chum	Tues	29-Aug	14h15	2.44 - 2.46
A10	1009	Atmosphere-Ionosphere Coupling during the 11 March 2011 M9.0 Tohoku Earthquake and Tsunami	Dr.	Jann-Yenq	Liu	Tues	29-Aug	14h45	2.44 - 2.46
A10	1479	Application of the phase velocity spectral analysis of the airglow imaging to the gravity waves studies	Prof.	Takuji	Nakamura	Tues	29-Aug	15h30	2.44 - 2.46

A10	874	Radar observations of atmospheric gravity waves in the MLT region from low latitudes	Dr.	Subramanian	Gurubaran	Tues	29-Aug	15h45	2.44 - 2.46
A10	114	Application of satellite sensing and model study for research acoustic gravity waves in the troposphere-ionosphere coupling system	Mrs.	Olga	Borchevkina	Tues	29-Aug	16h00	2.44 - 2.46
A10	85	Infrasound in the ionosphere from typhoons	Dr.	Jaroslav	Chum	Tues	29-Aug	16h15	2.44 - 2.46
A10	932	Unexpected occurrence of mesospheric frontal events over South Pole (90S)	Dr.	Pierre-Dominique	Pautet	Tues	29-Aug	16h30	2.44 - 2.46
A10	1302	The strong ULF/ELF/VLF emissions in the ionosphere and upper atmosphere associated with the fluxes of the energetic electrons	Prof.	Jan	Blecki	Tues	29-Aug	16h45	2.44 - 2.46

A11 - Advances in Low latitude and Equatorial Aeronomy (DIV II)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A11	1255	An investigation of ionospheric upper transition height variations at low and equatorial latitudes deduced from combined COSMIC and C/NOFS measurements	Prof.	Biqiang	Zhao	Fri	01-Sep	08h30	2.44 - 2.46
A11	651	Latitudinal variation of F3 layer at Brazilian region during quiet and disturbed periods	Dr.	Inez	Batista	Fri	01-Sep	08h45	2.44 - 2.46
A11	312	Large scale TIDs possibly generated by low latitude electrodynamics	Dr.	John Bosco	Habarulema	Fri	01-Sep	09h00	2.44 - 2.46
A11	268	Recent developments in the understanding of the low latitude ionosphere	Prof.	Balan	Nanan	Fri	01-Sep	09h30	2.44 - 2.46
A11	468	Influence of ambient conditions on the development of scintillation-producing irregularities in equatorial plasma bubbles	Dr.	Archana	Bhattachryya	Fri	01-Sep	10h30	2.44 - 2.46

A11	295	VHF radar observations of F region irregularities over low latitude Sanya	Dr.	Baiqi	Ning	Fri	01-Sep	11h00	2.44 - 2.46
A11	891	Study of dynamics of low-mid latitude E-region irregularities during magnetically quiet and disturbed days	Mr.	Virendra	Yadav	Fri	01-Sep	11h15	2.44 - 2.46

A11	1208	Ionospheric response to 17 March 2013 geomagnetic storm identified by data assimilation result	Prof.	Xinan	Yue	Fri	01-Sep	13h30	2.44 - 2.46
A11	84	Electrodynamic disturbances in the Brazilian equatorial and low-latitude ionosphere on St. Patrick's Day storm of 17 March 2015	Dr.	Venkatesh	Kavutarapu	Fri	01-Sep	14h00	2.44 - 2.46
A11	187	Analysis of ionospheric features in middle and low latitude region of China during the geomagnetic storm in March 2015	Mr.	Sun	Wenjie	Fri	01-Sep	14h15	2.44 - 2.46
A11	97	Comparative study on the ionospheric response to minor and major sudden stratospheric events in the Brazilian Equatorial and low latitudes	Dr.	Paulo Roberto	Fagundes	Fri	01-Sep	14h30	2.44 - 2.46
A11	1032	The Limb Imaging Ionospheric and Thermospheric EUV Spectrograph (LITES): Early Results	Prof.	Supriya	Chakrabarti	Fri	01-Sep	14h45	2.44 - 2.46

A11	1136	On the Dependence of the Ionospheric E-Region Electric Field of the Solar Activity	Dr.	Clezio Marcos	De Nardin	Fri	01-Sep	15h30	2.44 - 2.46
A11	1002	New aspects of low-latitude ionospheric F region response to geomagnetic storms	Dr.	Maxim	Klimenko	Fri	01-Sep	16h00	2.44 - 2.46
A11	1506	Ionospheric Response Following the Mw 7.8 Gorkha Earthquake On 25 April 2015	Prof.	Biqiang	Zhao	Fri	01-Sep	16h15	2.44 - 2.46

A12 - Long-term trends and changes in the stratosphere-mesosphere-thermosphere-ionosphere system (DIV II - ICMA)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A12	672	Progress in investigating long-term trends in the mesosphere-thermosphere-ionosphere system	Dr.	Jan	Lastovicka	Mon	28-Aug	13h30	1.43
A12	931	Analysis of trends in IWC distributions of PMCs in the northern summer mesosphere for 1871 - 2008	Dr.	Uwe	Berger	Mon	28-Aug	14h00	1.43
A12	818	Dependency of the equatorial ionospheric current system on solar flux and geomagnetic main field at the Huancayo geomagnetic observatory from 1935 to 1985	Dr.	Juergen	Matzka	Mon	28-Aug	14h30	1.43
A12	1124	Phase-height measurements over Europe during 5 solar cycles - Long-term variability of the mesosphere	Dr.	Dieter H.W.	Peters	Mon	28-Aug	14h45	1.43
A12	159	Influences on ray tracing modeling of ionospheric trends induced by Earth's magnetic field and anthropogenic effects	Dr.	Ana G.	Elias	Tues	29-Aug	13h30	1.62
A12	125	Long-term Increase of SABER/TIMED Global-mean CO_2-based Eddy Diffusion Coefficients in the Mesosphere and Lower Thermosphere	Mr.	Cornelius Csar Jude	Salinas	Tues	29-Aug	14h00	1.62
A12	482	Low-latitude mesospheric wave dynamical variability over large- and short-timescales	Mr.	Ravindra P	Singh	Tues	29-Aug	14h30	1.62
A12	513	Long-term temperature trends in the 35-65 km range by Rayleigh Lidar measurements at 23° S from 1993 to 2016	Dr.	Paulo	Batista	Tues	29-Aug	15h00	1.62

A13 - Electrodynamics and energetics of the middle atmosphere exploration with ground and space experiments (DIV II)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A13	1180	Collocation of Heights of Key Interest in the Low-Latitude Nighttime Mesosphere	Prof	Earle	Williams	Mon	28-Aug	08h30	1.43
A13	913	A Systematic Investigation of Lightning-Generated Extremely Low Frequency Whistlers Observed during Swarm ASM Burst Mode Sessions	Dr	Pierdavide	Coïsson	Mon	28-Aug	09h00	1.43
A13	928	The TETRA-II Experiment to Observe Terrestrial Gamma Flashes at Ground Level -- Preliminary Results	Dr	Michael	Cherry	Mon	28-Aug	09h15	1.43
A13	1173	Parameters of the global atmospheric electric circuit as measured in the northern and southern polar regions	Dr	Renata	Lukianova	Mon	28-Aug	09h30	1.43
A13	460	Short-term variability of the lower ionosphere from VLF narrowband radio observations	Prof	Colin	Price	Mon	28-Aug	10h30	1.43
A13	1079	A Statistical Study on Lightning Activities and Global Magnitude M>=7 Earthquakes during 1999–2015	Dr	Jann-Yenq	Liu	Mon	28-Aug	11h00	1.43
A13	1403	Particle acceleration due to the electric field of thunderstorm clouds observed by HAWC	Dr	Alejandro	Lara	Mon	28-Aug	11h15	1.43

A14 - Energetic Particle Precipitation into the Atmosphere: Sources and Atmospheric Impacts (DIV II - DIV III - VERSIM/ ICMA)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A14	101	Energetic Particle Precipitation Impacts and Coupling (EPPIC)	Dr.	Daniel	Baker	Tues	29-Aug	13h30	1.41

A14	290	Drivers of relativistic electron microbursts and their atmospheric impacts	Miss.	Emma	Douma	Tues	29-Aug	13h45	1.41
A14	879	Precipitating Energetic Electron Observations by the AC6 Cubesat Pair	Dr.	J Bernard	Blake	Tues	29-Aug	14h00	1.41
A14	348	Evaluation of modeled NOx and ozone responses to energetic electron precipitation in the South Hemispheric winter	Mr	Pavle	Arsenovic	Tues	29-Aug	14h15	1.41
A14	680	Direct and indirect electron precipitation effect on nitric oxide using a full range energy spectrum	Dr.	Hilde Nesse	Tyssøy	Tues	29-Aug	14h30	1.41
A14	694	Energetic Particle Precipitation impact on mesospheric OH and variability of the sources and the background atmosphere	Ms.	Annet Eva	Zawedde	Tues	29-Aug	14h45	1.41

A14	630	Ultra Low Frequency Waves and Energetic Particle Precipitation	Dr.	Clare	Watt	Tues	29-Aug	15h30	1.41
A14	526	Confirmation of EMIC wave driven relativistic electron precipitation	Prof.	Craig	Rodger	Tues	29-Aug	15h45	1.41
A14	766	Energetic electron precipitations at auroral and sub-auroral latitudes associated with substorm-induced injection, EMIC wave, and ULF pulsation	Dr.	Fuminonri	Tsuchiya	Tues	29-Aug	16h00	1.41
A14	336	Influence of energetic particle precipitation on Antarctic stratospheric ozone	Dr.	Alessandro	Damiani	Tues	29-Aug	16h15	1.41
A14	852	Climate Impact of Polar Mesospheric and Stratospheric Ozone Losses due to Energetic Particle Precipitation	Mrs.	Katharina	Meraner	Tues	29-Aug	16h30	1.41
A14	320	Electron precipitation from the outer radiation belt during the St Patrick's Day storm	Dr.	Mark	Clilverd	Tues	29-Aug	16h45	1.41

A15 - Wave and Particle Dynamics in the Radiation Belts and Ring Current (DIV II - DIV III - VERSIM)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A15	949	Theory and observations of electromagnetic oxygen cyclotron harmonic waves	Dr.	Maria	Usanova	Wed	30-Aug	15h30	1.43
A15	1183	Relationship between EMIC Waves seen in the Magnetosphere and on the Ground	Prof.	Brian	Fraser	Wed	30-Aug	16h00	1.43
A15	406	A parameter study and superposed epoch analysis of the generation of electromagnetic ion cyclotron (EMIC) waves based on Van Allen Probes observations	Prof.	Mark	Engebretson	Wed	30-Aug	16h15	1.43
A15	527	Cluster observations of EMIC triggered emissions and plasmaspheric plumes	Dr.	Benjamin	Grison	Wed	30-Aug	16h30	1.43
A15	699	Analysis of proton and electron spectra observed by EPT/PROBA-V in the South Atlantic Anomaly	Miss.	Graciela	Lopez Rosson	Wed	30-Aug	16h45	1.43
A15	1515	Relativistic Electron Pitch Angle Distributions from the Van Allen Probe Mission	Mr.	Reiner	Friedel	Wed	30-Aug	17h00	1.43
A15	989	Chorus Element Properties: Statistics of Sweep Rate	Prof.	Craig	Kletzing	Thurs	31-Aug	08h00	1.41
A15	650	The origin of the whistler-mode spectral "gap" at half electron gyrofrequency in the magnetosphere	Dr.	Heather	Ratcliffe	Thurs	31-Aug	08h45	1.41
A15	761	The impressive correlation between substorm activity and the rebuilding of Earth's radiation belts	Dr.	Allison	Jaynes	Thurs	31-Aug	09h00	1.41
A15	61	Modeling substorm injections	Dr.	Konstantin	Kabin	Thurs	31-Aug	09h15	1.41
A15	1103	Uncerrtainty quantification of radiation belts dynamics	Dr.	Enrico	Camporeale	Thurs	31-Aug	09h30	1.41

A15	849	Gyroresonant acceleration of energetic electrons by whistler mode waves	Dr.	Andrei	Demekhov	Thurs	31-Aug	09h45	1.41

A16 - The Earth's Plasmasphere: Remote Sensing and Modelling (DIV II - DIV III - VERSIM)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A16	152	Magnetoseismic Study of the Plasmasphere Using ULF Waves Observed by the Van Allen Probes	Dr.	Kazue	Takahashi	Wed	30-Aug	13h30	1.63
A16	181	Analysis and inversion of ducted VLF impulses recorded by satellites	Mr.	David	Koronczay	Wed	30-Aug	14h00	1.63
A16	373	Deriving electron density from electric field measurements on the Van Allen Probes spacecraft and building a global dynamic model of plasma density using neural networks	Miss.	Irina	Zhelavskaya	Wed	30-Aug	14h15	1.63
A16	192	Improved whistler inversion method for monitoring the electron density in the plasmasphere	Prof.	János	Lichtenberger	Wed	30-Aug	14h45	1.63
A16	1497	Assimilation of Ground-Based Observations Into a Plasmasphere Model	Prof.	János	Lichtenberger	Wed	30-Aug	15h30	1.63
A16	276	Where does the plasma go during a storm?	Dr.	Jonathan	Krall	Wed	30-Aug	16h00	1.63
A16	180	Whistler source regions for 16 detector stations around the world	Mr.	David	Koronczay	Wed	30-Aug	16h30	1.63

A17 - Auroral Processes (DIV II - DIV III)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A17	1259	Energeric particle precipitation associated to pulsating aurorae observed by ground-based radio methods (EISCAT radar and KAIRA riometer)	Dr.	Antti	Kero	Fri	01-Sep	13h30	1.41
A17	634	Auroral Beads at Substorm Onset and their Acceleration Mechanism	Dr.	Nadine	Kalmoni	Fri	01-Sep	14h00	1.41
A17	1051	Electron signatures associated with kinetic ballooning instability	Dr.	Jay	Johnson	Fri	01-Sep	14h30	1.41
A17	538	Statistical Comparisons of Auroral Electron Acceleration Mechanisms and Meso-Scale Field-Aligned Currents from FAST Observations	Dr.	John	Dombeck	Fri	01-Sep	14h45	1.41
A17	1042	Optical observations of inter-hemispheric electron reflections within pulsating aurora	Dr.	Marilia	Samara	Fri	01-Sep	15h30	1.41
A17	763	The Isinglass auroral sounding rocket campaign: combining remote sensing, in situ observations, and modelling	Prof.	Kristina	Lynch	Fri	01-Sep	16h00	1.41
A17	213	Kinetic Alfvén Waves and the Acceleration of Auroral Particles	Prof.	Robert	Lysak	Fri	01-Sep	16h30	1.41
A17	990	Shock-Aurora Forms along the Dayside Auroral Oval	Dr.	Xiaoyan	Zhou	Fri	01-Sep	16h45	1.41

A18 - ULF waves in near-Earth space (DIV III)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A18	663	Steepening of waves at the magnetopause	Dr.	Ferdinand	Plaschke	Wed	30-Aug	08h30	1.61
A18	1145	Excitation of ULF waves by a solar wind shock impact in global MHD simulations with plasmasphere	Mr.	Lars K. S.	Daldorff	Wed	30-Aug	09h00	1.61
A18	227	In search of ground image of the magnetopause surface mode: Multi-instrument observations at Svalbard	Dr.	Olga	Kozyreva	Wed	30-Aug	09h15	1.61
A18	397	ULF Kelvin-Helmholtz Waves Generated at the Day-side Convection Reversal Boundary During Periods of Large IMF By Reconnection	Dr.	Robert	Clauer	Wed	30-Aug	09h30	1.61
A18	138	Propagation of ULF Waves From the Upstream Region to the Midnight Sector of the Inner Magnetosphere	Dr.	Kazue	Takahashi	Wed	30-Aug	09h45	1.61
A18	212	Modeling of cavity modes and field line resonances in the inner magnetosphere	Prof.	Robert	Lysak	Thurs	31-Aug	13h30	1.44
A18	239	Characterizing MHD fast mode wave properties and distributions outside the plasmasphere	Dr.	Michael	Hartinger	Thurs	31-Aug	13h45	1.44
A18	245	MESSENGER observations of ultra-low frequency plasma waves during substorm expansion phase at Mercury	Dr.	Wei-Jie	Sun	Thurs	31-Aug	14h00	1.44
A18	360	SuperDARN observations of substorm-driven ULF waves	Dr.	Matt	James	Thurs	31-Aug	14h15	1.44
A18	552	Solar terminator effects on middle- to low-latitude Pi2 pulsations	Dr.	Shun	Imajo	Thurs	31-Aug	14h45	1.44
A18	425	Electron acceleration by ULF waves associated with dispersionless injections during a substorm event	Dr.	Elena	Kronberg	Thurs	31-Aug	15h30	1.44

A18	1198	Energisation of charged particles due to ULF waves	Prof.	Colin	Waters	Thurs	31-Aug	15h45	1.44
A18	1240	Pulsating proton aurora caused by rising tone Pc1 waves	Dr.	Reiko	Nomura	Thurs	31-Aug	16h00	1.44
A18	524	Magnetospheric Multiscale observations of the spatial scales and onset conditions of EMIC waves in the outer magnetosphere	Prof.	Mark	Engebretson	Thurs	31-Aug	16h30	1.44
A18	567	Ionospheric Aflvén resonator observed at low-latitude ground station	Dr.	Masahito	Nose	Thurs	31-Aug	16h45	1.44

A19 - Energy Storage and Release Mechanisms in the Magnetosphere (DIV III)
A20 - Magnetospheric Boundary Layers (DIV III)
A22 - Magnetospheres of Other Planets (DIV III)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A19 A20 A22	390	MMS at the Bow Shock (Invited)	Prof.	Steve	Schwartz	Fri	01-Sep	08h30	1.63
A19 A20 A22	407	Boundary layers and diffusion regions at the Earth's magnetopause as observed by MMS	Dr.	Stephen	Fuselier	Fri	01-Sep	09h00	1.63
A19 A20 A22	194	Multiple particle populations in the magnetopause boundary layers	Dr.	Benoit	Lavraud	Fri	01-Sep	09h30	1.63
A19 A20 A22	834	Reconnection through current sheets in dependence on the ambient magnetic field conditions	Prof.	Joerg	Buechner	Fri	01-Sep	10h30	1.63
A19 A20 A22	730	Observational characteristics of the near-Earth plasma sheet boundary layer	Dr.	Rumi	Nakamura	Fri	01-Sep	10h45	1.63

A19 A20 A22	466	Comparative boundary layers of solar system magnetospheres	Dr.	Daniel	Gershman	Fri	01-Sep	11h15	1.63
A19 A20 A22	194	Multiple particle populations in the magnetopause boundary layers	Dr.	Benoit	Lavraud	Fri	01-Sep	11h30	1.63
A19 A20 A22	199	A Modeling substorm Dynamics of the Magnetosphere Using Self-Organized Criticality Approach	Dr.	Mauricio	Bolzan	Fri	01-Sep	13h30	1.63
A19 A20 A22	1331	Variations in global field-aligned currents before and after substorm onset	Dr.	Colin	Forsyth	Fri	01-Sep	13h45	1.63
A19 A20 A22	635	Auroral Observations of the Substorm Onset Instability	Dr.	Nadine	Kalmoni	Fri	01-Sep	14h00	1.63
A19 A20 A22	726	Magnetic Reconnection at Mercury's Magnetopause	Dr.	Gina	DiBraccio	Fri	01-Sep	14h15	1.63
A19 A20 A22	800	Highlights from the Cassini magnetometer instrument at Saturn	Prof.	Michele	Dougherty	Fri	01-Sep	14h30	1.63
A19 A20 A22	1048	Universal Process Involving Wave-Particle Interactions	Prof.	Richard	Thorne	Fri	01-Sep	14h45	1.63

A21 - High-latitude electrodynamics and the polar cap (DIV III)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A21	961	How flux transfer events with a low recurrence rate may cause the formation of bending auroral arcs	Dr.	Anita	Kullen	Fri	01-Sep	08h30	1.41

A21	902	North-south asymmetries in cold plasma density in the magnetotail lobes: Cluster observations	Dr.	Stein	Haaland	Fri	01-Sep	08h45	1.41
A21	1156	High Latitude Observations with the CASSIOPE/e-POP Instruments	Dr.	H. Gordon	James	Fri	01-Sep	09h15	1.41
A21	162	Global Distribution of Alfvén Waves in the High-Altitude Polar Region	Dr.	Andreas	Keiling	Fri	01-Sep	09h45	1.41
A21	935	Quantitative Assessment of High-Latitude Energy Input	Dr.	Gang	Lu	Fri	01-Sep	10h30	1.41
A21	894	Ion Upflows and Hot Oxygen Atom Production in the Topside Auroral Ionosphere	Prof.	Andrew	Yau	Fri	01-Sep	11h00	1.41
A21	1175	Dual ExB Flow Responses in the Dayside Ionosphere to a Sudden IMF By Rotation	Dr.	Stefan	Eriksson	Fri	01-Sep	11h15	1.41
A21	365	Use of spherical elementary currents to map the polar current systems associated with the geomagnetic sudden commencements on 2013 and 2015 St. Patrick's Day storms	Dr.	Santiago	Marsal	Fri	01-Sep	11h30	1.41
A21	1258	A statistical analysis of the longitudinal location of the southern polar cusp using Pc5 geomagnetic field fluctuations at a pair of Antarctic stations	Mr.	Domenico	Di Mauro	Fri	01-Sep	11h45	1.41

A23 - Reporter Review for Division III

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A23	548	Reporter Review 2015-2017: Magnetopause and Boundary Layers	Dr.	Steven	Petrinec	Mon	28-Aug	08h30	1.42
A23	743	Reporter Review: Global Magnetospheric Dynamics	Dr.	Toshi	Nishimura	Mon	28-Aug	09h00	1.42

A23	214	Magnetotail Dynamics	Dr.	Mikhail	Sitnov	Mon	28-Aug	09h30	1.42

A23	948	Wave-particle interactions in inner magnetosphere	Dr.	Maria	Usanova	Mon	28-Aug	10h30	1.42
A23	240	Reporter Review 2015-2017: Ultra Low Frequency Waves	Dr.	Michael	Hartinger	Mon	28-Aug	11h00	1.42
A23	436	Reporter Review on Auroral Processes	Dr.	Colin	Forsyth	Mon	28-Aug	11h30	1.42

A24 - The Plasmasheet-Ionosphere, a Coupled System: Sinks, Sources, Transport and the Roles of Field-Aligned Currents and Ion Outflow (DIV III - DIV II)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A24	678	The dynamics and structure of current systems during dipolarization events	Mr.	Emil (larry)	Kepko	Tues	29-Aug	13h00	1.42
A24	693	Determining current sheet properties using multi-point measurements from the MMS mission	Dr.	Maria	Andriopoulou	Tues	29-Aug	13h15	1.42
A24	762	Storm-time plasma sheet, ionosphere and inner magnetosphere coupling: the Alfvén wave unleashed	Dr.	Christopher	Chaston	Tues	29-Aug	13h30	1.42
A24	1181	Field Line Mapping with Electron Beams	Dr.	Jay	Johnson	Tues	29-Aug	14h00	1.42
A24	744	Space-ground coordinated observations of subauroral ion drifts	Dr.	Toshi	Nishimura	Tues	29-Aug	14h15	1.42
A24	1511	Challenges in Understanding and Modeling Subauroral Polarization Streams (SAPS)	Dr.	Phillip	Anderson	Tues	29-Aug	14h45	1.42

A24	1172	Transport of Entropy Structures in the Magnetotail	Dr.	Jay	Johnson	Tues	29-Aug	15h30	1.42
A24	1125	Ring current spatio-temporal evolution affected by plasma sheet conditions and magnetosphere-ionosphere coupling	Dr.	Kunihiro	Keika	Tues	29-Aug	15h45	1.42
A24	190	Plasma Upflow from the Earth's Upper Atmosphere during a Solar Minimum	Mr.	Timothy	David	Tues	29-Aug	16h15	1.42
A24	721	The time response of the plasmasheet Earth O+ density to the solar wind	Dr.	Romain	Maggiolo	Tues	29-Aug	16h30	1.42

A25 - Magnetic reconnection (DIV III - DIV IV)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A25	120	MMS Observations of Energetic Particle Escape Associated with Magnetic Reconnection	Dr.	Ian	Cohen	Thurs	31-Aug	08h30	1.42
A25	121	Electron particle dynamics in collisionless magnetic reconnection	Dr.	Seiji	Zenitani	Thurs	31-Aug	09h00	1.42
A25	1062	Reconnection signatures observed by MMS in the near-Earth magnetotail	Dr.	Rumi	Nakamura	Thurs	31-Aug	09h30	1.42
A25	171	Magnetotail Reconnection Ejecta: Building Blocks of Magnetospheric Activity	Dr.	Andrei	Runov	Thurs	31-Aug	13h30	1.42
A25	1485	Electron dynamics and current dissipation during magnetic reconnection in the solar corona	Dr.	Philippe-A.	Bourdin	Thurs	31-Aug	14h00	1.42
A25	327	MMS Observations of Electron Heating near the Magnetic Reconnection X-line	Dr.	Tai	Phan	Thurs	31-Aug	14h15	1.42

A25	835	Particle energization turbulence-structured reconnection-electric-fields near current sheets of collisionless space plasmas	Prof.	Joerg	Buechner	Thurs	31-Aug	14h45	1.42

A25	801	MMS high time resolution observations of a Flux Transfer Event	Dr.	Lorenzo	Trenchi	Thurs	31-Aug	15h30	1.42
A25	608	Magnetic reconnection and its manifestations in the Plasma Sheet Boundary Layer of the Earth's magnetotail	Dr.	Elena	Grigorenko	Thurs	31-Aug	15h45	1.42
A25	1146	The Onset of Magnetic Reconnection: Tearing Instability in Current Sheets with a Guide Field	Mr.	Lars K. S.	Daldorff	Thurs	31-Aug	16h15	1.42
A25	179	Characteristics of high latitude precursor flows ahead of dipolarization fronts	Dr.	Xuzhi	Zhou	Thurs	31-Aug	16h30	1.42

A25	1169	The effects of guide field on crescent electron distribution functions in asymmetric magnetic reconnection	Dr.	Naoki	Bessho	Fri	01-Sep	13h30	1.62
A25	1171	MMS Observations of Large Guide Field Magnetic Reconnection	Dr.	Stefan	Eriksson	Fri	01-Sep	14h00	1.62
A25	1493	Energetic particle enhancements and VLF waves in the vicinity of dayside reconnection	Dr.	Allison	Jaynes	Fri	01-Sep	14h30	1.62
A25	143	Distinctive features of internally driven magnetotail reconnection	Dr.	Mikhail	Sitnov	Fri	01-Sep	15h00	1.62

A26 - Understanding the electromagnetic impact of space weather on infrastructure: progress in theory, observations, evaluation and mitigation (DIV III - DIV IV - DIV V - DIV VI - ICSW)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A26	255	Observations of the Geomagnetic Effects on Ground Infrastructure: historical perspective	Dr.	David	Boteler	Thurs	31-Aug	08h30	1.61
A26	271	Recent developments and knowledge gaps in geomagnetically induced current research	Dr.	Alan	Thomson	Thurs	31-Aug	09h00	1.61
A26	535	Extreme value analysis of geomagnetically induced electric field in South Africa	Dr.	Stefan	Lotz	Thurs	31-Aug	09h30	1.61
A26	273	Improving the modeling of geomagnetically induced currents in Spain	Prof.	J. Miquel	Torta	Thurs	31-Aug	13h30	2.41 - 2.43
A26	164	Continental scale geomagnetic induction hazards using a 3-D electrical conductivity model of Australia	Dr.	Liejun	Wang	Thurs	31-Aug	13h45	2.41 - 2.43
A26	1505	Interpolation of surface impedance for GIC modelling	Prof.	Pierre	Cilliers	Thurs	31-Aug	14h00	2.41 - 2.43
A26	484	Modelling geomagnetically induced currents using data from a remote geomagnetic observatory	Dr.	Ciaran	Beggan	Thurs	31-Aug	14h15	2.41 - 2.43
A26	757	Regional rigorous 3-D modelling of ground geoelectric and geomagnetic field due to realistic geomagnetic disturbances	Mrs.	Elena	Ivannikova	Thurs	31-Aug	14h30	2.41 - 2.43
A26	396 423 1126 449	Brief presentation of Posters in the session	V. Pilipenko E. Matandirotya E.M. Diogo M. Heyns			Thurs	31-Aug	14h45	2.41 - 2.43
A26	941	Its not about the GICs	Prof.	Charles	Gaunt	Thurs	31-Aug	15h30	2.41 - 2.43

A26	183	Transformer level modelling of GIC in New Zealand's electrical transmission network	Dr.	Tim	Divett	Thurs	31-Aug	16h00	2.41 - 2.43
A26	1480	Power System Response to Geomagnetically Induced Currents	Dr.	David	Oyedokun	Thurs	31-Aug	16h15	2.41 - 2.43
A26	288	New Zealand Long term Geomagnetically Induced Current Observations: Peak Current Estimates and Mitigation Approaches for Extreme Geomagnetic Storms	Prof.	Craig	Rodger	Thurs	31-Aug	16h30	2.41 - 2.43
A26	426	Modelling geomagnetically induced currents in Austria	Ms.	Rachel	Bailey	Thurs	31-Aug	16h45	2.41 - 2.43

A27 - Quiet Sun and Active Regions (DIV IV)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A27	927	Measuring quiet-Sun magnetic fields in the photosphere: recent advances and future perspectives	Dr.	Andreas	Lagg	Fri	01-Sep	08h30	1.42
A27	1513	ALMA Observations of the Sun	Dr.	Tim	Bastian	Fri	01-Sep	09h00	1.42
A27	530	A new web resource for solar physics: reconstruction of 3D reality in solar flares and active regions.	Ms.	Anastasia	Tsvetkova	Fri	01-Sep	09h30	1.42
A27	474	Measurements of electric current density in the solar photosphere	Dr.	Veronique	Bommier	Fri	01-Sep	10h30	1.42
A27	841	Coronal Magnetic Field Reconstruction	Dr.	Michael	Wheatland	Fri	01-Sep	11h00	1.42
A27	1064	Casting the Coronal Magnetic Field Reconstruction Tools in 3D Using MHD Bifrost Model	Dr.	Gregory	Fleishman	Fri	01-Sep	11h30	1.42

A27	962	Overview of modern chromospheric magnetic field measurements.	Prof.	Alexei	Pevtsov	Fri	01-Sep	13h30	1.42
A27	305	Probing coronal magnetic field at the TR level using microwave gyroresonant techniques	Dr.	Sergey	Anfinogentov	Fri	01-Sep	14h00	1.42
A27	770	Coronal Magnetic Field Reconstruction with Magnetic Field Constraints above the Photosphere	Dr.	Ivan	Myshyakov	Fri	01-Sep	14h30	1.42
A27	General Discussion					Fri	01-Sep	14h45	1.42

A28 - Multi-Spectral Studies of Solar Flares (DIV IV)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A28	287	Recent Progress in Observing Solar Flares at Radio Wavelengths	Dr.	Timothy	Bastian	Tues	29-Aug	08h30	1.43
A28	405	Multi-Instrument analysis of coronal X-ray and temperature signatures in solar limb flares	Dr.	Frederic	Effenberger	Tues	29-Aug	09h00	1.43
A28	1065	A Large-scale Plume in an X-Class Solar Flare	Dr.	Gregory	Fleishman	Tues	29-Aug	09h30	1.43
A28	457	KW-Sun: Konus-Wind Hard X-ray and Soft Gamma-ray Solar Flare Database	Mrs.	Alexandra	Lysenko	Tues	29-Aug	09h45	1.43
A28	1055	Solar flare observations from ground-based and space-borne observatories	Dr.	Lucia	Kleint	Tues	29-Aug	10h30	1.43
A28	1382	Observations and modelling of escaping solar energetic particles	Dr.	Olga	Malandraki	Tues	29-Aug	11h00	1.43

A28	735	Determining the Frequency of Coronal Heating with the Marshall Grazing Incidence X-ray Spectrometer	Dr.	Sabrina	Savage	Tues	29-Aug	11h30	1.43
A28	General Discussion					Tues	29-Aug	11h45	1.43

A29 - Boundary Layers in the Heliosphere (DIV IV)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A29	234	Formation of the Earth magnetopause	Prof.	Zdenek	Nemecek	Tues	29-Aug	13h30	1.43
A29	550	The Magnetopause and Associated Boundary Layers	Dr.	Steven	Petrinec	Tues	29-Aug	14h00	1.43
A29	622	Small-scale turbulence in the Earth's magnetosheath affected by the bow shock and the magnetopause	Mrs.	Liudmila	Rakhmanova	Tues	29-Aug	14h30	1.43
A29	471	The transport of energetic particles across tangential discontinuities	Dr.	Du Toit	Strauss	Tues	29-Aug	14h45	1.43
A29	321	How are isolated magnetic field structures in Mercury's magnetosheath related to the bow shock?	Dr.	Tomas	Karlsson	Tues	29-Aug	15h30	1.43
A29	380	Voyager data from the heliosheath and interstellar medium: An overview	Dr.	John	Richardson	Tues	29-Aug	16h00	1.43
A29	419	The Plasma Depletion Layer Beyond the Heliopause: Spatiotemporal Variations and Radio Emissions	Prof.	Iver	Cairns	Tues	29-Aug	16h15	1.43
A29	722	Magnetic field fluctuations and energetic particles at the boundary of the heliosphere	Dr.	Vladimir	Florinski	Tues	29-Aug	16h45	1.43

A29	338	Numerical Simulation of Cosmic Rays Effects on the Structure of the Outer Heliosphere	Dr.	Xiaocheng	Guo	Tues	29-Aug	17h00	1.43

A30 - Advances in Solar and Heliospheric Physics (DIV IV)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A30	1514	Helioseismology	Prof.	Laurent	Gizon	Wed	30-Aug	08h30	1.42
A30	974	Information Theoretical Approach to Discovering Causality in Solar Cycle Dynamics	Dr.	Simon	Wing	Wed	30-Aug	09h00	1.42
A30	817	The quiet Sun at High Resolution	Dr.	Luis	Bellot Rubio	Wed	30-Aug	09h15	1.42
A30	1439	Properties of Supersonic Evershed Downflows	Dr.	Sara	Esteban Pozuelo	Wed	30-Aug	09h45	1.42
A30	812	Interface Region Imaging Spectrograph Views of How the Solar Atmosphere is Energized	Dr.	Bart	De Pontieu	Wed	30-Aug	10h30	1.42
A30	1516	Coronal Seismology with Decay-less Kink Oscillations	Dr.	Sergey	Anfinogentov	Wed	30-Aug	11h00	1.42
A30	584	Heating of an Erupting Prominence Associated with a Coronal Mass Ejection on 2012 January 27	Dr.	Jin-Yi	Lee	Wed	30-Aug	11h30	1.42
A30	372	Coronal Flux Ropes Constructed from Eruption Data and their Interplanetary Counterparts	Dr.	Nat	Gopalswamy	Wed	30-Aug	11h45	1.42
A30	1359	Simulation of an Extremely Fast Coronal Mass Ejection on July 23, 2012: Follow-up Study	Dr.	Chigomezyo	Ngwira	Wed	30-Aug	13h30	1.42

A30	1019	Comparison of 3D CME Parameters Derived from Single and Multi-view Observations	Ms.	Harim	Lee	Wed	30-Aug	13h45	1.42
A30	547	Lessons from Empirical and Neural Network Space Weather Forecast Models Using Solar Data	Prof.	Yong-Jae	Moon	Wed	30-Aug	14h00	1.42
A30	442	Blowing in the Wind - Coronal Mass Ejections in Three Dimensions	Dr.	Volker	Bothmer	Wed	30-Aug	14h30	1.42
A30	252	Average Characteristic Dynamics of Parameters in Structures of Solar Wind	Dr.	Yuri	Yermolaev	Wed	30-Aug	15h30	1.42
A30	393	Solar Wind Suprathermal Electrons at Quiet Times	Prof.	Linghua	Wang	Wed	30-Aug	15h45	1.42
A30	549	IBEX Observations of the Global Heliosphere and Interstellar Medium	Prof.	Nathan	Schwadron	Wed	30-Aug	16h00	1.42
A30	Discussion					Wed	30-Aug	16h30	1.42
A30	748	The Heliospheric Boundaries: Global Modeling vs. Voyager and IBEX data	Prof.	Vladislav	Izmodenov	Thurs	31-Aug	13h30	1.63
A30	149	Science with the European Solar Telescope	Dr.	María Jesús	Martínez González	Thurs	31-Aug	14h00	1.63
A30	282	Solar Wind Measurements on Solar Orbiter: Discovering the Links Between the Solar Wind and the Atmosphere of Our Sun	Dr.	Stefano	Livi	Thurs	31-Aug	14h30	1.63

A31 - Waves and turbulence in the solar corona and wind (DIV IV)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date	Time	Venue

A31	1095	A space filter approach to study the energy cascade associated with coherent structures in Kelvin-Helmoltz turbulence	Mr	Enrico	Camporeale	Thurs	31-Aug	13h30	1.61
A31	875	On the slow solar wind: Alfvénic versus non-Alfvénic	Dr.	Raffaella	D'Amicis	Thurs	31-Aug	13h45	1.61
A31	258	Properties of low frequency downstream waves associated with interplanetary shocks	Mr.	Oleksandr	Goncharov	Thurs	31-Aug	14h00	1.61
A31	422	First Detection of Radial and Azimuthal Oscillations in Halo CMEs	Ms.	Harim	Lee	Thurs	31-Aug	14h15	1.61
A31	1049	Universal scaling laws for magnetic field turbulence in a rope-rope magnetic reconnection event	Prof.	Rodrigo	Miranda	Thurs	31-Aug	14h30	1.61
A31	237	Scaling of power spectral densities of solar wind and IMF variations	Prof.	Jana	Safrankova	Thurs	31-Aug	14h45	1.61

A32 - Reporter Reviews (DIV IV)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A32	751	Coronal Magnetometry	Dr	Sarah	Gibson	Thurs	31-Aug	15h30	1.61
A32	263	Past, current and Future Research on Coronal Mass Ejections	Dr	Angelos	Vourlidas	Thurs	31-Aug	16h00	1.61
A32	420	Shocks, Waves, Radio Emissions, and Energetic Particles in the Corona and the Heliosphere	Prof	Iver	Cairns	Thurs	31-Aug	16h30	1.61

A33 - Ground magnetic observations: improvements in instrumentation, operations and data processing techniques (DIV V)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A33	345	Geomagnetic Instruments Design and Operation	Dr	Jean	Rasson	Wed	30-Aug	08h30	1.43
A33	982	Seafloor geomagnetic observatories: challenge, concept and perspectives	Dr	Alexandre	Gonsette	Wed	30-Aug	09h00	1.43
A33	1406	Dôme C Magnetic Observatory on Concordia Station	Dr	Aude	Chambodut	Wed	30-Aug	09h15	1.43
A33	912	Development of the geomagnetic observatory network in Russia: recent progress and plans	Dr	Roman	Krasnoperov	Wed	30-Aug	09h30	1.43
A33	820	Geomagnetic observatory on a moving ice sheet: high quality data from Neumayer Station III, Antarctica	Dr	Juergen	Matzka	Wed	30-Aug	09h45	1.43
A33	350	Ground and satellite measurements: a must to complete current geomagnetic needs	Dr	Mioara	Mandea	Wed	30-Aug	10h30	1.43
A33	1286	Error statistics of Chambon la Forêt observatory definitive data	Dr	Benoit	Heumez	Wed	30-Aug	11h00	1.43
A33	845	One Second quasi-definitive data from Choutuppal Magnetic Observatory	Dr	Kusumita	Arora	Wed	30-Aug	11h15	1.43
A33	1277	Absolute magnetic measurement techniques with the FluxSet digital D/I station: the conventional methods and beyond these	Dr	Ádám	Domján	Wed	30-Aug	11h30	1.43
A33	1010	Longtime series of baselines of Paratunka observatory, Kamchatka, Russia: the estimation of the quality, stability and errors	Dr	Sergey	Khomutov	Wed	30-Aug	11h45	1.43
A33	236	Applications of geomagnetic data in services for technological networks	Dr	Larisa	Trichtchenko	Wed	30-Aug	13h30	1.43

A33	1018	Towards meeting the INTERMAGNET one-second standards for absolute magnetic observatories	Dr	Ellen	Clarke	Wed	30-Aug	14h00	1.43
A33	477	The New Method Of Noise Suppressing In Flux-Gate Variometers	Dr	Andriy	Marusenkov	Wed	30-Aug	14h15	1.43
A33	1471	A low-power Raspberry Pi data logger system and its installation at the Tatuoca observatory in Brazil	Dr	Achim	Morschhauser	Wed	30-Aug	14h30	1.43
A33	725	MagPySV: a python package for processing and denoising geomagnetic observatory data	Dr	Grace	Cox	Wed	30-Aug	14h45	1.43

A34 - Lithospheric field, WDMAM, and geological/tectonic interpretations (DIV V)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A34	1190	High-resolution crustal field models from the Earth Magnetic Anomaly Grid	Dr.	Arnaud	Chulliat	Thurs	31-Aug	13h30	1.62
A34	999	How sensitive is the global lithospheric magnetic field to the geometry of the inducing field and the shape of the magnetized layer?	Dr.	Du	Jinsong	Thurs	31-Aug	13h45	1.62
A34	242	Long Wavelength Magnetic Anomalies at Subduction Zones	Dr.	David	Gubbins	Thurs	31-Aug	14h00	1.62
A34	603	Regional lithospheric field modelling using monopoles and a combination of airborne and satellite data	Ms.	Livia	Kother	Thurs	31-Aug	14h15	1.62
A34	798	LCS-1: First lithospheric magnetic field model from CHAMP and Swarm satellites magnetic gradient observations and implications for magnetic anomaly interpretation	Dr.	Dhananjay	Ravat	Thurs	31-Aug	14h45	1.62

A34	326	A lost generation of impact structures on Earth	Dr.	Michael	Purucker	Thurs	31-Aug	15h30	1.62
A34	435	Earth's crust magnetization model of the Nether-Polar and Polar Urals	Prof.	Petr	Martyshko	Thurs	31-Aug	16h00	1.62
A34	1443	New aeromagnetic and airborne gravity views of the South Pole frontier in East Antarctica	Dr.	Fausto	Ferraccioli	Thurs	31-Aug	16h15	1.62
A34	843	Utility of aeromagnetic data for structural mapping in areas of limited out crop: A case study from the Mesozoic Kutch rift basin, India.	Prof.	P R	Radhika	Thurs	31-Aug	16h30	1.62
A34	1069	Inclusion of shipboard three-component magnetometer data in global marine magnetic anomaly data compilation	Dr.	Takemi	Ishihara	Thurs	31-Aug	16h45	1.62
A34	1309	New geothermal heat flux distribution of Greenland and its relationship with the Iceland hotspot	Dr.	Manuel	Catalan	Thurs	31-Aug	17h00	1.62

A35 - Magnetic data, indices and derived products for space weather and space climate research (DIV V - DIV II - DIV III - DIV IV - DIV VI)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A35	1029	Applications of magnetometer data to Space Weather modelling and now-casting	Prof.	Pierre	Cilliers	Fri	01-Sep	08h30	1.64
A35	545	Assessment of GIC risk based on transfer function analysis	Dr.	Malcolm	Ingham	Fri	01-Sep	09h00	1.64
A35	988	ULF Wave Power Index for Space Weather and Geophysical Applications	Prof.	Vyacheslav	Pilipenko	Fri	01-Sep	09h15	1.64
A35	1147	The First Statistical and Wavelet Analysis of the New Magnetometer Installed on Mid-West of Brazil	Dr.	Maurício	Bolzan	Fri	01-Sep	09h30	1.64

A35	155	Prediction of the magnetic index am based on development and performance comparisons of static and dynamic neural networks	Miss.	Marina	Gruet	Fri	01-Sep	09h45	1.64

A35	1265	Space physics and space weather quantification from geomagnetic observations at ground and in space	Dr.	Claudia	Stolle	Fri	01-Sep	10h30	1.64
A35	1227	Reconstructions of solar and solar wind activity for past centuries	Dr.	Leif	Svalgaard	Fri	01-Sep	11h00	1.64
A35	897	Verification study of geomagnetic K-index forecasts	Dr.	Yuki	Kubo	Fri	01-Sep	11h15	1.64
A35	512	A new proxy for the geomagnetic signal of magnetospheric currents on Earth derived from observatory data	Ms.	Leonie	Pick	Fri	01-Sep	11h30	1.64
A35	1138	Recent Updates on the developing of the Ksa magnetic index for South America based on the Embrace Magnetometer Network	Dr.	Clezio Marcos	De Nardin	Fri	01-Sep	11h45	1.64

A36 - From the Kaapvaal Craton to the Red Sea Rift: electromagnetic and geomagnetic studies of geodynamic processes (DIV VI)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A36	1274	Estimation of the mean magnetic thickness and magnetization over southern Africa by means of a high resolution lithospheric magnetic field model	Dr.	Foteini	Vervelidou	Thurs	31-Aug	13h30	1.43
A36	315	Interpretation of the geomagnetic anomalies in the Kaapvaal Craton in Botswana	Mr.	Calistus	Ramotoroko	Thurs	31-Aug	14h00	1.43
A36	1417	MT sounding experiment across the Bushveld Massive	Prof.	Valeriya	Hallbauer-Zadorozhnaya	Thurs	31-Aug	14h15	1.43

A36	1326	Transitional magmatic-amagmatic segmentation during continental breakup imaged with 3-magnetotellurics	Dr.	Sophie	Hautot	Thurs	31-Aug	14h30	1.43

A36	873	Magnetotelluric imaging of the Central Main Ethiopian Rift - Implications for magma pathways and storage	Dr.	Juliane	Huebert	Thurs	31-Aug	15h30	1.43
A36	452	Electrical resistivity structure of Arsanjan Block, Zagros Fold and Thrust Belt, obtained from magnetotelluric data	Dr.	Nikolay	Palshin	Thurs	31-Aug	16h00	1.43
A36	188	Precambrian crust architecture of SE Fennoscandia evidenced by new geophysical models	Mrs.	Elena	Sokolova	Thurs	31-Aug	16h15	1.43
A36	587	2.5D inversion of multi-component long offset transient electromagnetic data	Prof.	Bulent	Tezkan	Thurs	31-Aug	16h30	1.43

A37 - Electromagnetic contributions to hydrological, environmental, archaeological and other near surface studies (DIV VI)
A38 - Recent advances in theory and methodology of electromagnetic induction studies (DIV VI)
A39 - Developing and Using Realistic External Source Models for Imaging global deep Earth conductivity with Satellite and Ground-based Data (DIV VI - DIV II - DIV V)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A37 A38 A39	833	Near-surface structure of the Central Ganga Plain by magnetotellurics: Implications for deep groundwater exploration and depositional environment of sediments	Dr.	Ajai	Manglik	Fri	01-Sep	08h30	1.43
A37 A38 A39	1417	MT sounding experiment across the Bushveld Massive	Prof.	Valeriya	Hallbauer-Zadorozhnaya	Fri	01-Sep	08h45	1.43

A37 A38 A39	710	Imaging a potential shale gas bearing formation in the Eastern Karoo basin, South Africa, with magnetotellurics	Dr.	Ute	Weckmann	Fri	01-Sep	09h00	1.43
A37 A38 A39	767	Subsurface Investigations of Carbonate Geologies of Bonaire, Caribbean Netherlands using Ground Penetrating Radar	Mr.	Roy	Bowling	Fri	01-Sep	09h15	1.43
A37 A38 A39	80	Resistivity images of Zagros Fault Belt	Dr.	Nikolay	Palshin	Fri	01-Sep	09h30	1.43
A37 A38 A39	1414	Membrane polarization and Maxwell-Wagner model: petrophysical and electrical difference	Prof.	Valeriya	Hallbauer-Zadorozhnaya	Fri	01-Sep	09h45	1.43

A37 A38 A39	596	Topographic Distortions of Magnetotelluric Transfer Functions: a High Resolution 3-D Modelling Study using Real Topography	Mr	Johannes	Käufl	Fri	01-Sep	10h30	1.43
A37 A38 A39	1112	Controlled-source electromagnetic induction from a perspective of. non-equilibrium statistical mechanics	Mr	Mark	Everett	Fri	01-Sep	10h45	1.43
A37 A38 A39	283	Anisotropic three-dimensional inversion of marine controlled-source electromagnetic data based on a secondary-field Nédélec finite element forward operator and unstructured grids	Mr	Klaus	Spitzer	Fri	01-Sep	11h00	1.43
A37 A38 A39	454	Magnetotellurics with magnetic observatory data affected by the ocean effect: Methodology and Results	Mr	Achim	Morschhauser	Fri	01-Sep	11h15	1.43
A37 A38 A39	733	Constraint 3D Inversion of Magnetotelluric data from San Felipe (Mexico) for geothermal exploration	Mr.	Diego	Ruiz Aguilar	Fri	01-Sep	11h30	1.43
A37 A38 A39	1196	Mapping lake sediment thickness and conductivity using an exploration-industry helicopter electromagnetic data set	Dr.	Ian	Ferguson	Fri	01-Sep	11h45	1.43

A37 A38 A39	367	Studying mantle structure with magnetospheric and tidal satellite magnetic signals: recent advances and challenges	Dr.	Alexander	Grayver	Fri	01-Sep	13h30	1.43
A37 A38 A39	540	Modeling the high latitude field aligned currents using coule ionosphere magnetosphere models	Dr.	Michael	Wiltberger	Fri	01-Sep	14h00	1.43
A37 A38 A39	1151	Towards Improved Modeling of Ionospheric Sources for EM Induction Studies	Dr.	Gary	Egbert	Fri	01-Sep	14h30	1.43
A37 A38 A39	1498	A new approach for separation of inducing and induced magnetic fields of magnetospheric origin	Prof.	Alexey	Kuvshinov	Fri	01-Sep	14h45	1.43
A37 A38 A39	645	Characterizing external influences on the large-scale polar ionospheric current system	Dr.	Karl	Laundal	Fri	01-Sep	15h30	1.43
A37 A38 A39	1060	Approximate source field characterization for global 3-D electromagnetic induction inversion	Dr.	Pascal	Tarits	Fri	01-Sep	16h00	1.43
A37 A38 A39	930	Earth's mantle electrical conductivity and temperature profiles	Prof.	Erwan	Thebault	Fri	01-Sep	16h30	1.43

A41 - Retrospective Review of Geomagnetic Studies: key figures and discoveries since the 13th century (IDCH)
A42 - Historical Understanding of Solar-Terrestrial Interactions: Research and Applications (IDCH - DIV IV - DIV V)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A41 A42	1220	The Historical Development of Solar-Terrestrial Relations	Dr.	Leif	Svalgaard	Thurs	31-Aug	15h30	1.63

A41 A42	87	The First Space Weather Prediction	Dr.	Trey	Cade	Thurs	31-Aug	15h45	1.63
A41 A42	95	Historical View of Deep-Dielectric Spacecraft Charging and Operational Impacts	Dr.	Daniel	Baker	Thurs	31-Aug	16h00	1.63
A41 A42	1234	The Global Magnetic Observatory Network: Untapped Possibilities?	Dr.	Arnaud	Chulliat	Thurs	31-Aug	16h15	1.63
A41 A42	356	After about 350 years and zero declination again in Paris	Prof.	Mioara	Mandea	Thurs	31-Aug	16h30	1.63
A41 A42	1329	History of satellite geomagnetic missions in the former USSR and Russia	Dr.	Roman	Krasnoperov	Thurs	31-Aug	16h45	1.63

A43 - Engaging Scientists and Researchers in Education and Outreach (IDCEO)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A43	523	Fifteen years of Educational Activities at the European Geosciences Union (EGU)	Prof.	Carlo	Laj	Wed	30-Aug	15h30	1.64
A43	997	Pitfalls and drawbacks of engaging junior faculty in outreach activities	Prof.	Edgar	Bering	Wed	30-Aug	16h00	1.64
A43	1022	Real-time geomagnetic data from a Raspberry Pi magnetometer network in the UK	Dr.	William	Brown	Wed	30-Aug	16h15	1.64
A43	428	Sparkling Geomagnetic Field: Geomagnetic observations with schools in Austria	Dr.	Rachel	Bailey	Wed	30-Aug	16h30	1.64
A43	1203	A Brief History of the American Geophysical Union Space Physics and Aeronomy Section Education and Public Outreach Committee	Prof.	Edgar	Bering	Wed	30-Aug	16h45	1.64

A44 - Tidal Forcing of the Equatorial Mesosphere-Thermosphere-Ionosphere (MTI) Region (ICDC)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
A44	1523	Evidence of quasi-90 day oscillations in the thermosphere as revealed by GOCE measurements and MERRA/TIME-GCM	Dr.	Federico	Gasperini	Thurs	31-Aug	08h30	2.14 - 2.43
A44	269	MTI coupling using MU radar and CMAT2 model	Prof.	Balan	Nanan	Thurs	31-Aug	08h45	2.14 - 2.43
A44	168	Planetary Wave-Tide Interactions in Atmosphere-Ionosphere Coupling	Prof.	Jeffrey M	Forbes	Thurs	31-Aug	09h15	2.14 - 2.43
A44	969	Wave-4 structures in FORMOSAT/COSMIC low latitude ionospheric observations during low and high solar activity periods	Dr.	Amelia	Onohara	Thurs	31-Aug	09h30	2.14 - 2.43
A44	870	On the relationship between the mesospheric tidal winds and counter electrojet in the Indian sector	Dr.	Subramanian	Gurubaran	Thurs	31-Aug	09h45	2.14 - 2.43
A44	486	Mesospheric temperature inversions over a low latitude location and their possible causes	Mr.	Ravindra P	Singh	Thurs	31-Aug	10h00	2.14 - 2.43