

Lecture ID	Participant ID	Lastname	Firstname	Title, authors	Lecture code
946	604	Thorne	Richard	MODELING WAVE-PARTICLE SCATTERING AND LOSS FROM THE RADIATION BELTS <i>Richard M Thorne</i>	205-WED-O1030-0946
528	642	Li	Xinlin	QUANTITATIVE LOSS RATE OF RADIATION BELT ELECTRONS DETERMINED FROM SAMPEX MEASUREMENTS AND MODELING <i>Xinlin Li, Weichao Tu, Mark Looper, Richard Selesnick</i>	205-WED-O1100-0528
255	443	Gamble	Rory	SATELLITE AND GROUND BASED OBSERVATIONS OF A LARGE-SCALE ELECTRON PRECIPITATION EVENT <i>RORY GAMBLE, Craig Rodger, Mark Clilverd, Neil Thomson, Michel Parrot, Jean-Andre Sauvaud, Jean-Jacques Berthelier</i>	205-WED-O1115-0255
1159	479	Seppälä	Annika	OBSERVATIONS OF ENERGETIC PARTICLE PRECIPITATION EFFECTS UPON THE MIDDLE ATMOSPHERE <i>ANNIKA SEPPÄLÄ, Pekka T. Verronen, Mark A. Clilverd, Craig J. Rodger, Cora E. Randall, Esa Turunen</i>	205-WED-O1130-1159
1044	939	Stadsnes	Johan	STATISTICAL EVALUATION OF UPPER MESOSPHERIC AND LOWER THERMOSPHERIC TEMPERATURE EFFECTS CAUSED BY ENERGETIC PARTICLE PRECIPITATION <i>H. NESSE TYSSØY, Johan Stadsnes, M. Sørbø, C. J. Mertens, D. S. Evans</i>	205-WED-O1145-1044
1269	1037	Friedel	Reiner	ENERGETIC ELECTRON LOSSES FROM THE RADIATION BELTS <i>REINER FRIEDEL, Yue Chen, Tom Cayton</i>	205-WED-O1330-1269
538	309	Rodger	Craig	POES SEM-2 OBSERVATIONS OF RADIATION BELT DYNAMICS AND ENERGETIC ELECTRON PRECIPITATION IN TO THE ATMOSPHERE <i>CRAIG J. RODGER, Mark A. Clilverd, Janet C. Green, Mai Mai Lam</i>	205-WED-O1400-0538
1085	948	Asikainen	Timo	CORRECTED FLUXES OF MAGNETOSPHERIC ENERGETIC PARTICLES FOR 3 SOLAR CYCLES <i>TIMO ASIKAINEN, Kalevi Mursula, Ville Maliniemi</i>	205-WED-O1415-1085

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521	637	Baumgaertner	Andreas	WILL CLIMATE CHANGE INCREASE OZONE DEPLETION FROM LOW-ENERGY-ELECTRON PRECIPITATION? <i>ANDREAS J. G. BAUMGAERTNER, Patrick Jöckel</i>	205-WED-O1430-0521
86	250	Delpont	Brett	PARTICLE PRECIPITATION TIED TO UNUSUAL VLF EMISSIONS <i>BRETT DELPORT, Andrew B Collier, Pieter H Stoker, Jyrki Manninen</i>	205-WED-O1445-0086
872	852	Millan	Robyn	BALLOON OBSERVATIONS OF RELATIVISTIC ELECTRON PRECIPITATION AND THE BARREL EXPERIMENT <i>ROBYN M. MILLAN, John G. Sample, Michael P. McCarthy, David M. Smith, Leslie A. Woodger, Jessica G. Hewitt, Max Comess, Xinqing Liang, Karl Yando, R. P. Lin, M. K. Hudson</i>	205-WED-O1530-0872
847	22	Longden	Nicola	EFFECTS OF ICMES AND CIRCS ON ENERGETIC PARTICLE PRECIPITATION <i>NICOLA LONGDEN, Michael H. Denton, Farideh Honary</i>	205-WED-O1600-0847
720	209	Clilverd	Mark	THE IMPACT OF A RELATIVISTIC ELECTRON PRECIPITATION EVENT ON THE STRATOSPHERE <i>MARK A. CLILVERD, Annika Seppälä, Craig J. Rodger, Esa Turunen</i>	205-WED-O1615-0720
1323	309	Rodger	Craig	CORRELATIONS BETWEEN SAMPEX DETECTED RELATIVISTIC ELECTRON PRECIPITATION AND PERTURBATIONS IN GROUND BASED VLF SIGNALS DURING PERIODS OF EXTREME GEOMAGNETIC DISTURBANCE <i>Sarah L. Dietrich, CRAIG J. RODGER, Mark A. Clilverd, Jacob Bortnik, AARDDVARK team</i>	205-WED-O1630-1323
284	416	Steinbach	Péter	SURVEY OF ENERGETIC PARTICLE PRECIPITATION - AUTOMATIC DETECTION OF ENHANCED TRANSIENT IONISATION IN THE MESOSPHERE USING SUBIONOSPHERIC NARROW BAND VLF SIGNALS <i>PÉTER STEINBACH, János Lichtenberger, Csaba Ferencz</i>	205-WED-O1645-0284

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5	34	Hady	Ahmed	ENERGETIC SOLAR PARTICLES DURING LAST 3 CYCLES <i>Ahmed A. Hady</i>	205-WED-P1700-0005
204	368	Mironova	Irina	RESPONSE OF THE ATMOSPHERE ON THE SECOND DAY AFTER PARTICLE PRECIPITATION <i>IRINA A. MIRONOVA</i>	205-WED-P1701-0204
416	517	PATHAN	BASHIR	INFLUENCE OF GEOMAGNETIC SUBSTORM ON COSMIC NOISE ABSORPTION AND ATMOSPHERIC ELECTRICITY AT A SUB-AURORAL LOCATION <i>Anand K. Singh, BASHIR M. PATHAN, A. K. Sinha</i>	205-WED-P1702-0416
398	542	Belakhovsky	Vladimir	GENERATION OF COUPLED MAGNETIC AND PARTICLE PC5 PULSATIONS AT THE RECOVERY PHASE OF THE STRONG MAGNETIC STORMS <i>V. A. PILIPENKO, Vladimir B. Belakhovsky</i>	205-WED-P1703-0398
79	306	Illés-Almár	Erzsébet	RING CURRENT: AN ADDITIONAL HEAT SOURCE FOR THE NEUTRAL UPPER-ATMOSPHERE <i>ERZSÉBET ILLÉS-ALMÁR</i>	205-WED-P1704-0079
209	12	Usoskin	Ilya	IONIZATION OF LOW-MID ATMOSPHERE DUE TO STRONG SOLAR PARTICLE EVENTS <i>ILYA G. USOSKIN, A. J. Tylka, G. A. Kovaltsov, W. F. Dietrich</i>	205-WED-P1705-0209
301	479	Seppälä	Annika	GEOMAGNETIC ACTIVITY AND POLAR SURFACE AIR TEMPERATURE VARIABILITY <i>ANNIKA SEPPÄLÄ, Cora E. Randall, Mark A. Clilverd, Eugene Rozanov, Craig J. Rodger</i>	205-WED-P1706-0301
508	104	Koen	Etienne	IONOSPHERIC SIGNATURES OF SOLAR FLARES <i>BRETT DELPORT, Etienne Koen, Andrew Collier</i>	205-WED-P1707-0508
537	309	Rodger	Craig	LONG DISTANCE MONITORING OF THE LOWER IONOSPHERE: THE GLOBAL AARDDVARK SENSORS <i>CRAIG J. RODGER, Mark A. Clilverd, AARDDVARK team</i>	205-WED-P1708-0537
732	785	Moffat-Griffin	Tracy	BEAM PATTERN CALIBRATION OF THE HALLEY (76S, 27W) IMAGING RIOMETER <i>TRACY MOFFAT-GRIFFIN, Robert E Hibbins, Martin J Jarvis</i>	205-WED-P1709-0732

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351	504	Bremner	Sherry	VLF RADIO PROPAGATION CONDITIONS: COMPUTATIONAL ANALYSIS TECHNIQUES <i>SHERRY BREMNER, Andrew Collier</i>	205-WED-P1710-0351
344	499	Zbigniew	Kobylinski	ON THE NEAR GROUND LEVEL ELECTRIC FIELD RESPONSE TO FORBUSH DECREASES AT SWIDER OBSERVATORY <i>Z. Kobylinski, M. Kubicki, S. Michnowski</i>	205-WED-P1711-0344
125	365	Tikaram	Tikaram	SPACE RADIATION AND CHANGING CLIMATE OF EARTH <i>Tikaram Tikaram</i>	205-WED-P1712-0125
358	111	Khetselius	Olga	FRACTAL FEATURES IN THE TURBULENT PULSATIONS OF COSMIC PLASMA AND PLANETARY ATMOSPHERE SYSTEM <i>OLGA KHETSELIUS</i>	205-WED-P1713-0358
798	826	Sangalli	Laureline	ROCKET-BASED MEASUREMENTS OF ION VELOCITY, NEUTRAL WIND AND ELECTRIC FIELD IN THE COLLISIONAL TRANSITION REGION OF THE AURORAL IONOSPHERE <i>LAURELINE SANGALLI, D. Knudsen, M. Larsen, T. Zhan, R. Pfaff, D. Rowland</i>	205-WED-P1714-0798
930	884	Johnson	Jay	ENHANCED AURORA AND INSTABILITIES IN THIN, DENSE, HEAVY ION IONIZATION LAYERS <i>JAY R. JOHNSON, Edgar Choueiri</i>	205-WED-P1715-0930
1260	1059	Otto	Antonius	PARTICLE ENERGIZATION IN DIAMAGNETIC REGIONS <i>Antonius Otto</i>	205-WED-P1716-1260