

Presenter	Presentation Title	Type of Presentation	Sessions	Time
Adam Kellerman	Multi-point data assimilation using the 3D VERB code and a Kalman filter during the GEM challenge interval	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Alexander Drozdov	Sensitivity of radiation belt simulations to different radial diffusion models	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Anthony Chan	Stochastic Modeling of Radiation Belt Dynamics in High-Speed-Stream Storms	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Chia-Lin Huang	Electron Pitch Angle Distributions Observed by the Van Allen Probes	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Jay Albert	Data-driven 3D Diffusion Simulations	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Kyng-Chan	VERB 3D GEM challenge	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Vincent Maget	Modelling drop-outs using the Salammbó code (oct. 1990 example)	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Weichao Tu	Modeling radiation belt electron dynamics during GEM challenge intervals with the DREAM 3D diffusion model	Invited 10 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	10
Yiqun Yu	Modeling the March 17, 2013 storm event	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Kyng-Chan	VERB 3D GEM challenge	Contributed 5 Min	Wed, Jun 19, (10:30am-12:15pm) RBW	5
Alexander Drozdov	Long-term radiation belt simulation by the VERB code and comparison with Van Allen Probes data	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Dmitriy Subbotin	Radiation Belt Simulation in a Realistic Magnetic Field with the VERB 4-D code	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Hong Zhao	Modeling energetic electron penetration into the slot region and the inner radiation belt	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Jan Paral	Prompt initial loss of trapped electrons during Oct 7-9, 2013 storm	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Liheng Zheng,	Three-dimensional stochastic modeling of radiation belts in adiabatic invariant coordinates	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Mary Hudson	3D energization and trapping of plasmashet electrons in Oct 9, 2013 storm	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Mary K. Hudson	9 Oct. 2012 Convection and Adiabatic Energization in the Outer Electron Belt	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Olga Amariutei	Low energy (< 50 keV) electrons in the inner magnetosphere	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Solène Lejosne	Preparing radiation belt electromagnetic radial diffusion coefficients for RBSP data	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Thiago Brito	Radiation belt precipitation showing ULF modulation	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Tim Guild	Generalized tools for inner belt data assimilation with SIZM	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Vincent Maget	Data assimilation using the Salammbó code ready for ingesting RBSP data	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Weichao Tu	Modeling the October 8-9 Van Allen Probes Event with DREAM 3D Diffusion Model: the Importance of Realistic	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Weichao Tu	Test particle simulations of Field-Line-Curvature Scattering in the Inner Proton Belt	Contributed 5 Min	Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --	5
Adam Kellerman	Estimating the total percent loss of >1 MeV electrons to the atmosphere during outer belt dropouts: A multi-	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Alex Crew	Global Distribution of Microbursts	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Allison Jaynes	Evolution of relativistic outer belt electrons during extended quiescent period	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Anatoly Streltsov	Interactions of whistlers with energetic electrons	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Drew Turner	Examining the 30 Sep. 2012 dropout with Van Allen Probes and THEMIS	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Geoff Reeves /	RBSP Phase Space Density Measurements of Local Acceleration	Invited 10 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	10
Jay Albert	Phase Bunching, Phase Trapping, and Diffusion	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Ksenia Orlova	Lifetime of the outer radiation belt electrons in a realistic magnetic field using a new chorus wave model	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Lauren Blum	Quantifying rapid energetic electron precipitation - conjunction studies using new CubeSat and balloon	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Maria de Soria-	Scattering rates of inner belt protons by EMIC waves: comparison between test particle and diffusion approaches	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Maria Usanova	Unusual long-lasting EMIC wave event during the Van Allen Probes era	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Quintin Schiller	Non-Storm Time Enhancement of Radiation Belt Electrons	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Richard Denton	Pitch angle scattering of ring current and radiation belt particles by EMIC waves	Contributed 5 Min	Wed, Jun 19, (3:30pm-5:00pm) RBW 3 --	5
Ashar Ali	Estimating Magnetic Field Power Spectrum Using CRRES Magnetometer Data	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
Bob Lysak	M-I coupling by ULF Waves at low latitudes	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
M. Lessard	Recent results regarding EMIC waves and precipitation	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
Maria de Soria-	Radiation and propagation of man-made EMIC waves in the inner radiation belt	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
Michael Hartinger	Statistical study of the ULF wave Poynting vector	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
Qianli Ma	Magnetosonic wave excitation by the ion ring distribution in the Earth's magnetosphere	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
Richard Denton	Evolution of EMIC wave power and polarization	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
Seth Claudepierre	Initial Results from Lyon-Fedder-Mobarry Simulations Driven by Upstream Interplanetary Magnetic Field (IMF)	Contributed 5 Min	Thu, Jun 20, (10:30am-12:15pm) RBW 4	5
Anatoly Streltsov	Whistlers daunting in the magnetosphere	Contributed 5 Min	Thu, Jun 20, (1:30pm-3:00pm) RBW 5 --	5
Jichun -C. Zhang	Opposite directional EMIC waves and associated plasma conditions	Contributed 5 Min	Thu, Jun 20, (1:30pm-3:00pm) RBW 5 --	5
Robert C. Allen	Multiple bidirectional EMIC waves observed by Cluster at middle magnetic latitudes in the dayside	Contributed 5 Min	Thu, Jun 20, (1:30pm-3:00pm) RBW 5 --	5
Robert C. Allen	Spatial distribution and properties of EMIC waves observed by Cluster	Contributed 5 Min	Thu, Jun 20, (1:30pm-3:00pm) RBW 5 --	5
Wen Li	A global chorus wave model based on measurements of waves on the Van Allen Probes and electron	Contributed 5 Min	Thu, Jun 20, (1:30pm-3:00pm) RBW 5 --	5
Vania Jordanova	RAM-SCB simulations of storm-time electron transport and plasma wave scattering	Contributed 5 Min	Thu, Jun 20, (3:30pm-5:00pm) RBW 6 --	5
Mark Engebretson	A multiple regression study of factors influencing levels of relativistic electrons	Contributed 5 Min	Thu, Jun 20, (3:30pm-5:00pm) RBW 6 --	5
Mark Engebretson	An update on local time distributions of EMIC wave activity	Contributed 5 Min	Thu, Jun 20, (3:30pm-5:00pm) RBW 6 --	5
Jacob Bortnik	Recent progress in laboratory wave-particle experiments	Contributed 5 Min	Thu, Jun 20, (3:30pm-5:00pm) RBW 6 --	5
Yrui Shprits	VERB update	Contributed 5 Min	Thu, Jun 20, (3:30pm-5:00pm) RBW 6 --	5
Lunjin Chen	Perpendicular propagation of magnetosonic waves	Contributed 5 Min	Thu, Jun 20, (3:30pm-5:00pm) RBW 6 --	5

Session
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Wed, Jun 19, (1:30pm-3:00pm) RBW 2 --
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Thu, Jun 20, (10:30am-12:15pm) RBW 4
Thu, Jun 20, (1:30pm-3:00pm) RBW 5 --
Thu, Jun 20, (3:30pm-5:00pm) RBW 6 --