

- 0800h **A41I-3079** *POSTER* Ozone Depletion Potentials: A new approach: **R W Portmann**, P Yu, J S Daniel
- 0800h **A41I-3080** *POSTER* BASCOE Reanalysis of Aura MLS (BRAM), 2nd Release: **D Minganti**, Q Errera, G Braathen, S H Chabrilat, Y Christophe, J Deboscher, M L Santee, S Skachko
- 0800h **A41I-3081** *POSTER* Interactive versus prescribed ozone in the ICON-ART climate model: How is the spectrum of variability changing?: **J Schroeter**, M Braun, R Ruhnke, P Braesicke
- 0800h **A41I-3082** *POSTER* The diurnal cycle of stratospheric NO₂: **R Khoury**, K F Li, S Wang
- 0800h **A41I-3083** *POSTER* Horizontal winds, potential vorticity, and stratopause characteristics from a mesospheric and upper stratospheric unified dataset: **L F Millan Valle**, M Schwartz, G L Manney, N J Livesey
- 0800h **A41I-3084** *POSTER* Characterizing Error Due to Non-Uniform Spatial and Temporal Sampling in the SWOOSH Merged Data Set and Implications for Understanding Long-Term Ozone and WV Variability: **E Lezine**, S M Davis, K H Rosenlof, N Davis
- 0800h **A41I-3085** *POSTER* Lower stratospheric ozone variability: **K H Rosenlof**, S M Davis
- 0800h **A41I-3086** *POSTER* Modeling the Effect of Convectively Injected Water Vapor over the Central U.S. on Stratospheric Chemical Composition: **C Clapp**, J G Anderson
- 0800h **A41I-3088** *POSTER* Diurnal Variations in Middle Atmospheric Water Vapor: **G E Nedoluha**

A41J (CC) Hall A-C (Poster Hall)

Thursday 0800h

Deep-Space Earth Observations II Posters

Presiding: **Alexander Marshak**, NASA Goddard Space Flight Center; **Adam Szabo**, NASA Goddard Space Flight Center; **Jay Herman**, University of Maryland JCET;

- 0800h **A41J-3089** *POSTER* A Radiative Transfer Simulator for DSCOVR/EPIC and Its Application to a Sensitivity Study of Cloud Property: **P Zhai**, M Gao, Y Yang, Y Hu
- 0800h **A41J-3090** *POSTER* Performance of DSCOVR EPIC Atmospheric Correction Algorithm: **D Huang**, A Lyapustin, Y Wang, S Korkin, A Marshak
- 0800h **A41J-3091** *POSTER* Vegetation Earth System Data Record from DSCOVR EPIC Observation: Product Description and Analyses: **Y Knyazikhin**, W Song, B Yang, M Mottus, M Rautiainen

- 0800h **A41J-3092** *POSTER* Stratospheric Injection of Massive Smoke Plume from Canadian Boreal Fires in 2017 as seen by DSCOVR-EPIC, CALIOP and OMPS-LP Observations: **O Torres**, P K Bhartia, G Taha, H T Jethva, C Ahn
- 0800h **A41J-3093** *POSTER* Daytime Global Cloud Variability as Observed by DSCOVR-EPIC: **Y Yang**, K Meyer, G Wind, Y Zhou, A Marshak, Q Min, A B Davis, S E Platnick, D P Duda, W Su
- 0800h **A41J-3094** *POSTER* Improving the Retrieval of SO₂ for DSCOVR/EPIC Measurements Collected at High Solar Zenith Angles: **B L Fisher**, N A Krotkov, S A Carn, C Li, P K Bhartia
- 0800h **A41J-3095** *POSTER* Improvements to the Inter-calibration Methodology of the EPIC Instrument's Visible Channels Using MODIS and VIIRS as a Reference: **C Haney**, D R Doelling, P Minnis, R Bhatt, B R Scarino, A Gopalan
- 0800h **A41J-3096** *POSTER* Observing Volcanic Eruption Clouds in the UV at High Temporal Cadence with DSCOVR/EPIC: **S A Carn**, B L Fisher, N A Krotkov, C Li, F J Prata
- 0800h **A41J-3098** *POSTER* Analysis of Diurnal variability of Cloud Properties Using EPIC: **A Delgado-Bonal**, A Marshak
- 0800h **A41J-3099** *POSTER* Validation and Comparison of Total Ozone and Volcanic Sulfur Dioxide from EPIC on DSCOVR: **K Yang**
- 0800h **A41J-3100** *POSTER* A Fast Radiative Transfer Model for Simulating High-Resolution Oxygen B-band and its application to DSCOVR EPIC observations: **Q Min**, B Yin, Y Yang, A Marshak, A B Davis
- 0800h **A41J-3101** *POSTER* Cloud property variabilities as derived from Earth Polychromatic Imaging Camera (EPIC) instrument and composites from multi-sensor of low earth orbit and geostationary satellites: **L Liang**, W Su
- 0800h **A41J-3102** *POSTER* Analysis of the NISTAR On-Orbit Absolute Radiometric Scale: **A W Smith**, S R Lorentz, Y Yu, J M Smith
- 0800h **A41J-3103** *POSTER* Deep space observations of sun glint over oceanic regions: **T Varnai**, A Marshak, A B Kostinski