

Monday, December 11 Talks:

GAO, Ru-Shan: A12E-03 Overview of the aerosol measurements in the UTLS during the POSIDON campaign	
New Orleans Ernest N. Morial Convention Center - La Nouvelle AB	10:50 - 11:05
Sang Liu, Troy Thornberry, Andrew Rollins, Pengfei Yu, Sarah Woods, and Thaopaul Bui	

KUPC, Agnieszka: A14D-06 ATom observations of new particle formation in the tropical upper troposphere. The role of convection and nucleation mechanisms	
New Orleans Ernest N. Morial Convention Center- 398-399	17:15 - 17:30
Christina Williamson, Anna Hodshire, Jeffrey Pierce, Eric Ray, Karl Froyd, Mathews Richardson, Bernadett Weinzierl, Maximilian Dollner, Frank Erdesz, Thaopaul Bui, Glenn Diskin, and Charles Brock	

McDuffie, Erin: U13B-14 When the Sun's Away, N₂O₅ Comes Out to Play: An Updated Analysis of Ambient N₂O₅ Heterogeneous Chemistry (Invited)	
New Orleans Ernest N. Morial Convention Center - 252-254	14:19 - 14:22
Steven Brown	

RAY, Eric: A13M-06 What can surface measurements of long-lived trace gases tell us about interannual variability in UTLS transport?	
New Orleans Ernest N. Morial Convention Center - La Nouvelle AB	14:55 - 15:10
John Daniel, Stephen Montzka, Robert Portmann, Pengfei Yu, Karen Rosenlof, and Fred Moore	

ROLLINS, Andrew: A12E-04 Sources of enhanced SO₂ in the tropical Western Pacific UT/LS	
New Orleans Ernest N. Morial Convention Center - La Nouvelle AB	11:05 - 11:20
Troy D Thornberry , Shang Liu , Eric A Ray, Elliot L Atlas, Maria A Navarro, Sue Schauffler, Thaopaul Bui, and Ru-Shan Gao	

RYERSON, Thomas: A12A-06 Systematics of Ozone Distributions in the Remote Pacific and Atlantic Troposphere from the NASA ATom Mission	
New Orleans Ernest N. Morial Convention Center - 392	11:35 - 11:50
Thomas Ryerson	

THOMPSON, Chelsea: A14D-02 Global-scale Airborne Observations of Tropospheric Reactive Nitrogen Species from the NASA Atmospheric Tomography Mission	
New Orleans Ernest N. Morial Convention Center - 398-399	16:15 - 16:30
Thomas Ryerson, Jeff Peischl, Barbara Barletta, Donald Blake, Amy Butler, John Crouse, Mathew Evans, Jenny Fisher, L Gregory Huey, Michelle Kim, Allison Laubach, Fred Moore, Eric Ray, Lee Murray, Tomas Sherwen, Sarah Strode, Paul Wennberg, and Pengfei Yu	

Monday, December 11 Posters:

BONIN, Timothy: GC13J-0868 Cloud fraction and cloud base measurements from scanning Doppler lidar during WFIP-2
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00
Charles Long, Kathleen Lantz, Aditya Choukulkar, Yelena Pichugina, Brandi McCarty, Robert Banta, Alan Brewer, and Melinda Marquis
BROCK, Charles: A11G-1950 Global-scale Measurements of CCN-Sized Particles in the Remote Marine Boundary Layer
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20
Agnieszka Kupc, Christina Williamson, Karl Froyd, Daniel Murphy, Jose Jimenez, Pedro Campuzano-Jost, Benjamin Nault, Bernadett Weinzierl, Maximilian Dollner, Frank Erdesz, Mathews Richardson, Nick Wagner, and Thaopaul Bui
BURKHOLDER, James: 11H-1962 An Evaluation of C₁-C₃ Hydrochlorofluorocarbon (HCFC) Metrics: Lifetimes, Ozone Depletion Potentials, Radiative Efficiencies, Global Warming and Global Temperature Potentials
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20
Dimitrios Papanastasiou, and Paul Marshall
MURPHY, Daniel: A11G-1951 The global distribution of sea salt aerosol
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20
Karl Froyd, Huisheng Bian, Charles Brock, Maximilian Dollner, Agnieszka Kupc, Bernadett Weinzierl, Christina Williamson, and Pengfei Yu
PEISCHL, Jeff: A11G-1956 Constraining ozone deposition to the sea surface using airborne data
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20
Glenn Wolfe, Chelsea Thompson, Thaopaul Bui, Glenn Diskin, Roisin Commane, Bruce Daube, Steven Wofsy, and Thomas Ryerson
SCHILL, Gregory: A13A-2053 The Contribution of Black Carbon to Ice Nucleating Particle Concentrations from Prescribed Burns and Wildfires
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00
Paul DeMott, Kaitlyn Suski, Ethan Emerson, Anne Rauker, Jack Kodros, Ezra Levin, Thomas Christopher James Hill, Delphine Farmer, Jeffrey Pierce, and Sonia Kreidenweis
VERES, Patrick: A11G-1955 Global Observations of Inorganic Gases in the Remote Atmosphere – First Observations from the Atmospheric Tomography Mission (ATom)
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20

J A Neuman

Tuesday, December 12 Talks:

COOPER, Owen: [A22A-04: Tropospheric ozone observations across Asia: A synthesis of recent findings and implications for domestic and downwind regions \(Invited\)](#)
 New Orleans Ernest N. Morial Convention Center - 395-396 11:05 - 11:20

CHOUKULKAR, Aditya: [GC24F-04 Quantifying measurement uncertainty and spatial variability in the context of model evaluation](#)
 New Orleans Ernest N. Morial Convention Center - 265-266 16:45 - 17:00
 Alan Brewer, Yelena Pichugina, Timothy Bonin, Robert Banta, Scott Sandberg, Ann Weickmann, Irina Djalalova, Katherine McCaffrey, Laura Bianco, James Wilczak, Jennifer Newman, Caroline Draxl, Julie Lundquist, Sonia Wharton, Joseph Olson, Jaymes Kenyon, and Melinda Marquis

FAHEY, David: [U23A Climate Science Special Report: An Assessment of the Science Focusing on the United States](#)
 New Orleans Ernest N. Morial Convention Center - E2 13:40 - 15:40
 Primary Convener

FROYD, Karl: [A21N-06 Mineral Dust Aerosol Measurements throughout the Global Free Troposphere](#)
 New Orleans Ernest N. Morial Convention Center - 393-394 09:15 - 09:30
 Daniel Murphy, Pengfei Yu, Agnieszka Kupc, Christina Williamson, and Charles Brock

GLASSMEIER, Franziska: [A21O-05 A network approach to the geometric structure of shallow cloud fields](#)
 New Orleans Ernest N. Morial Convention Center- 398-399 09:05 - 09:20
 Graham Feingold

MCDONALD, Brian: [Air Quality Culpability Shifts from Cars to Chemical Products](#)
 New Orleans Ernest N. Morial Convention Center - Exhibitor's Hall NOAA Booth #1025 14:45

MCDUFFIE, Erin: [The Unique Measurement Capabilities of NOAA: An Air Quality Case Study in Norther Utah](#)
 New Orleans Ernest N. Morial Convention Center - Exhibitor's Hall NOAA Booth #1025 10:15

WARNEKE, Carsten: [Fire Influence on Regional and Global Environments Experiment \(FIREX\)](#)
 New Orleans Ernest N. Morial Convention Center - Exhibitor's Hall NOAA Booth #1025 13:45

YAMAGUCHI, Takanobu: A23L-08 New pathway of stratocumulus to cumulus transition via aerosol-cloud-precipitation interaction
New Orleans Ernest N. Morial Convention Center - 398-399 15:30 - 15:35
Graham Feingold, and Jan Kazil

Tuesday, December 12 Posters:

PORTMANN, Robert: A23E-2409 A new approach to Ozone Depletion Potential (ODP) estimation
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00
John Daniel, and Pengfei Yu

ROSENLOF, Karen: A21I-2279 Is There Evidence that Mid-Latitude Stratospheric Ozone Depletion Occurs in Conjunction with North American Monsoon Convection?
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20
Eric Ray, and Robert Portmann

THORNBERRY, Troy: A21I-2267 Insight into the formation processes of high altitude cirrus over the tropical western Pacific during POSIDON
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20
Andrew Rollins, Laurel Watts, Ru-Shan Gao, Sarah Woods, and Thaopaul Bui

YU, Pengfei: A21I-2278 Evaluation of Sulfate and Organic Aerosol in the Global UTLS: Budget and Size Distribution
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20
Karl Froyd, Daniel Murphy, Jose Jimenez, Pedro Campuzano-Jost, Christina Williamson, Agnieszka Kupc, Charles Brock, Shang Liu, Ru-Shan Gao, Troy Thornberry, Robert Portmann, Eric Jensen, Owen Toon, and Karen Rosenlof

Wednesday, December 13 Talks:

ADLER, Gabriela: A34D-02 Rethinking the distinction between black and brown carbon
New Orleans Ernest N. Morial Convention Center - 395-396 16:15 - 16:30
Allessandro Franchin, Kara Lamb, Katherine Manfred, Ann Middlebrook, Joshua Schwarz, Nick Wagner, Rebecca Washenfelder, Caroline Womack, and Daniel Murphy

COGGON, Matthew: A43E-2516 Primary emissions and chemical oxidation of volatile organic compounds emitted from laboratory biomass burning sources during the 2016 FIREX FireLab campaign: measurements from a H₃O⁺ chemical ionization mass spectrometer
New Orleans Ernest N. Morial Convention Center - 395-396 13:55 - 14:10

Carsten Warneke, Abigail Koss, Kanako Sekimoto, Bin Yuan, Christopher Lim, David Hagan, Jesse Kroll, Christopher Cappa, Jessica Gilman, Brian Lerner, Jose Jimenez, Robert Yokelson, James Roberts, and Joost De Gouw

GILMAN, Jessica: [A33K-03 Volatile organic compounds \(VOCs\) from biomass burning: GC-MS analysis of primary combustion emissions of fuels common to North America](#)

New Orleans Ernest N. Morial Convention Center - 395-396 14:10 - 14:25

Joost De Gouw, Matthew Coggon, Abigail Koss, Brian Lerner, James Roberts, Vanessa Selimovic, Kanako Sekimoto, Robert Yokelson, Bin Yuan, and Carsten Warneke

KOSS, Abigail: [A34B-01 Complex and surprising VOC chemistry in oil and gas producing regions: H₃O⁺ CIMS results from the SONGNEX 2015 aircraft mission](#)

New Orleans Ernest N. Morial Convention Center - 393-394 16:00 - 16:15

Bin Yuan, Carsten Warneke, Jessica Gilman, Brian Lerner, Patrick Veres, Scott Eilerman, Jeff Peischl, Robert Wild, Steven Brown, Chelsea Thompson, Thomas Ryerson, Thomas Hanisco, Glenn Wolfe, Jason St Clair, Mitchell Thayer, Frank Keutsch, Sane Murphy, and Joost De Gouw

KOSS, Abigail: [A33K-06 Unraveling the chemical complexity of biomass burning VOC emissions via H₃O⁺ ToF-CIMS \(PTR-ToF\): emissions characterization](#)

New Orleans Ernest N. Morial Convention Center - 395-396 14:55 - 15:10

Kanako Sekimoto, Jessica Gilman, Vanessa Selimovic, Matthew Coggon, Kyle Zarzana, Bin Yuan, Brian Lerner, Steven Brown, Jose Jimenez, Jordan Krechmer, Carsten Warneke, Robert Yokelson, and Joost De Gouw

MURPHY, Daniel: [A34D-01 A34D-01 What matters for the radiative properties of biomass burning smoke? \(Invited\)](#)

New Orleans Ernest N. Morial Convention Center - 395-396 16:00 - 16:15

ROBERTS, James: [A33K-05 Measurement of Total Reactive Nitrogen \(N_T\) during the FIREX 2016 Lab Study](#)

New Orleans Ernest N. Morial Convention Center - 395-396 14:40 - 14:55

Yong Liu, Chelsea Stockwell, Carsten Warneke, Matthew Coggon, Alessandro Franchin, Jessica Gilman, Joost De Gouw, Jose Jimenez, Abigail Koss, Jordan Krechmer, Brian Lerner, Ann Middlebrook, Kanako Sekimoto, Vanessa Selimovic, Robert Yokelson, Bin Yuan, Kyle Zarzana, and Steven Brown

STOCKWELL, Chelsea: [A34D-05 Field Measurements of Trace Gases and Aerosols Emitted by Undersampled Combustion Sources Including Wood and Dung Cooking Fires, Garbage and Crop Residue Burning, and Indonesian Peat Fires](#)

New Orleans Ernest N. Morial Convention Center - 395-396 17:00 - 17:15

Thilina Jayarathne, Doug Goetz, Isobel Simpson, Vanessa Selimovic, Prakash Bhawe, Donald Blake, Mark Cochrane, Kevin Ryan, Erianto Indra Putra, Bambang Saharjo, Elizabeth Stone, Peter DeCarlo, and Robert Yokelson

WASHENFELDER, Rebecca: [A33K-07 Chemical Properties of Brown Carbon Aerosol Generated at the Missoula Fire Sciences Laboratory](#)

New Orleans Ernest N. Morial Convention Center - 395-396 15:10 - 15:25

Caroline Womack, Alessandro Franchin, Ann Middlebrook, Nick Wagner, and Katherine Manfred

Wednesday, December 13 Posters:

DAVIS, Sean: [A31F-2254 Stratospheric water vapor and ozone evaluation in reanalyses as part of the SPARC Reanalysis Intercomparison Project \(S-RIP\)](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20

Michaela Hegglin, Masatomo Fujiwara, Gloria Manney, Rossana Dragani, Eric Nash, Susann Tegtmeier, Chiaki Kobayashi, Yayoi Harada, Craig Long, Krzysztof Wargan, and Karen Rosenlof

KIRGIS, Guillaume: [A33B-2363 Effects of Temperature and Air Density Profiles on Ozone Lidar Retrievals](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00

Andrew Langford, Christoph Senff, and Raul Alvarez II

LARSON, Erik: [A33C-2379 Novel applications of the temporal kernel method: Historical and future radiative forcing](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00

Robert Portmann, Susan Solomon, and Daniel Murphy

MANFRED, Katherine: [A31D-2209 Investigating Aerosol Morphology Using Scattering Phase Functions Measured with a Laser Imaging Nephelometer](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20

Gabriela Adler, Frank Erdesz, Alessandro Franchin, Kara Lamb, Joshua Schwarz, Nick Wagner, Rebecca Washenfelder, Caroline Womack, and Daniel Murphy

SCHWARZ, Joshua: [A33B-2360 A strategy for characterized aerosol-sampling transport efficiency](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00

WARNEKE, Carsten: [A31C-2192 FIREX \(Fire Influence on Regional and Global Environments Experiment\): Measurements of Nitrogen Containing Volatile Organic Compounds](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20

2017 AGU Fall Meeting

CSD Talk/Poster Events

Joshua Schwarz, Robert Yokelson, James Roberts, Abigail Koss, Matthew Coggon, Bin Yuan, and Kanako Sekimoto

ZARZANA, Kyle: [A31C-2176 Laboratory measurements of glyoxal emissions from biomass burning](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 08:00 - 12:20

Vanessa Selimovic, Abigail Koss, Kanako Sekimoto, Matthew Coggon, Bin Yuan, William Dube, Robert Yokelson, Carsten Warneke, Joost De Gouw, and Steven Brown

Thursday, December 14 Talks:

COOPER, Owen: [The Tropospheric Ozone Assessment Report: A community-wide effort to quantify tropospheric ozone in a rapidly changing world](#)

New Orleans Ernest N. Morial Convention Center - Exhibitor's Hall NOAA Booth #1025 11:15

Martin Schultz

MCDONALD, Brian: [A42E-06 Evaluation of a Fuel-Based Oil and Gas Inventory of Nitrogen Oxides with Top-Down Emissions](#)

New Orleans Ernest N. Morial Convention Center - 393-394 11:35 - 11:50

Alan Negron, Stuart McKeen, Jeff Peischl, Jessica Gilman, Ravan Ahmadov, Gregory Frost, Thomas Ryerson, Chelsea Thompson, and Michael Trainer

Thursday, December 14 Posters:

CUI, Yuyan: [A43F-2524 Inversion Estimate of California Methane Emissions Using a Bayesian Inverse Model with Multi-Tower Greenhouse Gas Monitoring Network and Aircraft Measurements](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00

Matthias Falk, Yanju Chen, Jorn Herner, Bart Croes, and Abhilash Vijayan

ERVENS, Barbara: [A43G-2544 Is there an aerosol signature of aqueous processing?](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00

Armin Sorooshian

FEINGOLD, Graham: [A43B-2457 Stratocumulus Cloud Top Radiative Cooling and Cloud Base Updraft Speeds](#)

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F 13:40 - 18:00

Joseph Balsells, Carolin Klinger, and Jan Kazil

FROST, Gregory: [A43F-2527 Technical discussions on Emissions and Atmospheric Modeling \(TEAM\)](#)

2017 AGU Fall Meeting

CSD Talk/Poster Events

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F	13:40 - 18:00
Barron Henderson and Barry Lefer	

KAZIL, Jan: A43B-2458 Lagrangian large eddy simulations of boundary layer clouds on ERA-Interim and ERA5 trajectories	
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F	13:40 - 18:00
Graham Feingold and Takanobu Yamaguchi	

MIDDLEBROOK, Ann: A43E-2497 Characterization of biomass burning aerosols produced in the laboratory with a light-scattering aerosol mass spectrometer	
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F	13:40 - 18:00
Gabriela Adler, Matthew Coggon, Joost De Gouw, Alessandro Franchin, Jessica Gilman, Abigail Koss, Jordan Krechmer, Kara Lamb, Katherine Manfred, James Roberts, Joshua Schwarz, Kanako Sekimoto, Vanessa Selimovic, Chelsea Stockwell, Nick Wagner, Rebecca Washenfelder, Caroline Womack, Robert Yokelson, and Bin Yuan	

WAGNER, Nicholas: A43E-2509 The absorption budget of fresh biomass burning aerosol from realistic laboratory fires	
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F	13:40 - 18:00
Gabriela Adler, Alessandro Franchin, Kara Lamb, Katherine Manfred, Ann Middlebrook, Vanessa Selimovic, Joshua Schwarz, Rebecca Washenfelder, Caroline Womack, and Robert Yokelson	

Friday, December 15 Talks:

BROWN, Steven: A52B-02 Aircraft measurements to characterize polluted winter boundary layers: Overview of twin otter flights during the Utah Winter Fine Particulate Matter Study	
New Orleans Ernest N. Morial Convention Center - 393-394	10:35 - 10:50
Munkhbayar Baasandorj, Alessandro Franchin, Ann Middlebrook, Lexie Goldberger, Joel Thornton, William Dube, Erin McDuffie, Caroline Womack, Dorothy Fibiger, Alexander Moravek, Jason Clark, Jennifer Murphy, and Robert Mitchell	

COOPER, Owen: A54E-02: The Tropospheric Ozone Assessment Report (TOAR): A community-wide effort to quantify tropospheric ozone in a rapidly changing world	
New Orleans Ernest N. Morial Convention Center - 393-394	16:15 - 16:30
Martin Schultz, Elena Paoletti, Ian Galbally, Manish Naja, David Tarasick, Mathew Evans, and Anne Thompson	

DAVIS, Nicholas: A51O-06 Decomposing the Eddy-Mean Flow Response of the Hadley Circulation to Greenhouse Gas Forcings	
New Orleans Ernest N. Morial Convention Center - La Nouvelle AB	09:15 - 09:30
Nicholas Davis and Thomas Birner	

FIBIGER, Dorothy: A52B-08 Mid-latitude Ozone Depletion Events Caused by Halogens from the Great Salt Lake in Utah	
New Orleans Ernest N. Morial Convention Center - 393-394	11:50 - 12:05
Lexie Goldberger, Caroline Womack, Erin McDuffie, William Dube, Alessandro Franchin, Ann Middlebrook, Joel Thornton, and Steven Brown	

FRANCHIN, Alessandro: A51J-08 High pollution events in the Great Salt Lake Basin and its adjacent valleys. Insights on mechanisms and spatial distribution of the formation of secondary aerosol.	
New Orleans Ernest N. Morial Convention Center - 393-394	09:45 - 10:00
Ann Middlebrook, Munkhbayar Baasandorj, Steven Brown, Dorothy Fibiger, Lexie Goldberger, Erin McDuffie, Alexander Moravek, Jennifer Murphy, Joel Thornton, and Caroline Womack	

MCDUFFIE, Erin: A52B-04 Observational Insights into N₂O₅ Heterogeneous Chemistry: Influencing Factors and Contribution to Wintertime Air Pollution	
New Orleans Ernest N. Morial Convention Center - 393-394	11:05 - 11:20
Dorothy Fibiger, Caroline Womack, William Dube, Felipe Lopez-Hilfiker, Lexie Goldberger, Joel Thornton, Viral Shah, Lyatt Jaegle, Hongyu Guo, Rodney Weber, Jason Schroder, Pedro Campuzano Jost, Jose Jimenez, Alessandro Franchin, Ann Middlebrook, Munkhbayar Baasandorj, and Steven Brown	

MCKEEN, Stuart: A53H-07 Modeling of meteorology, chemistry and aerosol for the 2017 Utah Winter Fine Particle Study	
New Orleans Ernest N. Morial Convention Center - 393-394	15:10 - 15:25
Wayne Angevine, Brian McDonald, Ravan Ahmadov, Alessandro Franchin, Ann Middlebrook, Dorothy Fibiger, Erin McDuffie, Caroline Womack, Steven Brown, Alexander Moravek, Jennifer Murphy, and Michael Trainer	

WOMACK, Caroline: A53B-2250 Aircraft NO_x and O₃ measurements during wintertime temperature inversions in Salt Lake City, Utah	
New Orleans Ernest N. Morial Convention Center - 393-394	13:55 - 14:10
Dorothy L Fibiger, Erin E. McDuffie, Alessandro Franchin, Lexie Goldberger, Alexander Moravek, Ann M Middlebrook, Joel A Thornton, Jennifer G Murphy, Munkhbayar Baasandorj and Steven S Brown	

Friday, December 15 Posters:

FINEWAX, Zachary: A53F-2337 Direct Roadside Measurements of Volatile Organic Compounds in Vehicle Emissions Using NO⁺ Time-of-Flight Chemical Ionization Mass Spectrometry	
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2017 AGU Fall Meeting

CSD Talk/Poster Events

New Orleans Ernest N. Morial Convention Center - Poster Hall D-F	13:40 - 18:00
Abigail Koss, Matthew Coggon, Jessica Gilman, Carsten Warneke, Paul Ziemann, and Joost de Gouw	

GAUDEL, Audrey: A51F-2126 Present-day distribution and trends of global tropospheric ozone from satellite observations: Results from the Tropospheric Ozone Assessment Report (TOAR)	
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F	08:00 - 12:20
Owen R Cooper, Brice Barret, Anne Boynard, Cathy Clerbaux, Coheur Pierre-Francois, Guanyu Huang, Daniel Hurtmans, Brian J Kerridge, Barry Latter, Eric Le Flochmoen, Xiong Liu, Jessica L. Neu, Richard Siddans, Catherine Wespes ⁵ , Helen Marie Worden and Jerald R Ziemke	

LAMB, Kara: A53A-2195 Black carbon's contribution to aerosol absorption optical depth over S. Korea	
New Orleans Ernest N. Morial Convention Center - Poster Hall D-F	13:40 - 18:00
Anne Perring, Andreas Beyersdorf, Bruce Anderson, Michal Segal-Rosenhaimer, Jens Redemann, Brent Holben, and Joshua Schwarz	