

V. Program Schedule

[ORAL] Session A. Stratospheric Ozone Science

Date / Time (Mon.) October 4, 2021 / 13:00-14:00 (UTC)

Session Code MON2

Session Chair Mark Weber, Ja-Ho Koo

[MON2_K] 13:00-13:15

Keynote

Understanding Changes in Tropical and Mid-latitude Stratospheric Ozone

Neil Harris

Centre for Environment and Agricultural Informatics, Cranfield University, United Kingdom

[MON2_1] 13:15-13:20

Regional and Seasonal Trends in tropical Ozone from SHADOZ Profiles: Reference for Models and Satellite Products

Anne M. Thompson¹, Ryan M. Stauffer¹, Krzysztof Wargan^{1,2}, Jacquelyn C. Witte³, Debra E. Kollonige^{1,2}, and Jerald R. Ziemke^{1,4}

¹NASA, USA, ²Science Systems and Applications, Inc., USA, ³NCAR, USA, ⁴Morgan State University, USA

[MON2_2] 13:20-13:25

Atmospheric Impacts of Short-Lived Chlorinated Species over the Recent Past: a Chemistry-Climate Perspective

Ewa Bednarz⁶, Ryan Hossaini¹, Luke Abraham^{2,3}, Peter Braesicke⁴, and Martyn Chipperfield⁵

¹Lancaster University, UK, ²University of Cambridge, UK, ³NCAS, UK, ⁴Karlsruhe Institute of Technology, Germany, ⁵University of Leeds, UK, ⁶Cornell University, USA

[MON2_3] 13:25-13:30

The Importance of Very Short Lived Halogens for the Recovery of Stratospheric Ozone

Laura A. McBride¹, Walter R. Tribett¹, Brian F. Bennett¹, Timothy P. Canty¹, Greta Easthom², Stacey Frith³, and Ross J. Salawitch^{1,4}

¹University of Maryland, USA, ²NC State University, USA, ³NASA, USA, ⁴Earth System Science Interdisciplinary Center, USA

[MON2_4] 13:30-13:35

Quantification of Very Short Lived Halogens Reaching the Stratosphere

Ross J. Salawitch^{1,2}, Laura A. McBride¹, Walter R. Tribett¹, Timothy P. Canty¹, Brian F. Bennett¹, Pamela A. Wales^{3,4}, James W. Hannigan⁵, Emmanuel Mahieu⁶, Maxime Prignon⁶, John Daniel⁷, Bradley Hall⁷, Stephen A. Montzka⁷, Elena Spinei⁸, George H. Mount⁹, Kelly Chance¹⁰, Raid M. Suleiman¹⁰, Sungyeon Choi^{3,11}, Deanna Donohue¹², Thomas P. Kurosu³, and William R. Simpson³

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[MON2_5] 13:35-13:40

An Overview of the Asian Summer Monsoon Chemical and Climate Impact Project (ACCLIP)

Laura Pan¹, Paul Newman², Elliot Atlas³, Troy Thornberry⁴, Brian Toon⁵, Bill Randel¹, Doug Kinnison¹, Qing Liang², and Ken Jucks²

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Q&A 13:40-14:00