

2016 AGU Fall Meeting Scientific Program
Atmospheric Sciences

| Topic | Number | Session | CoSponsors | CoOrganized | Date | StartTime | EndTime | Room | Property |
|----------------------|--------|--|-------------|-------------|------------|-----------|----------|-------------|---------------|
| Atmospheric Sciences | A11A | Characterization of Atmospheric Nanoparticles and Their Impact on Health Effect Posters | B,EP,GC,PA | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11B | Chemical Weather Forecasting and Reanalyses Posters | GC | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11C | Climate Teleconnection from Extratropics to Tropics Posters | EP,GC,NG,OS | OS | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11D | Impacts of Land Cover, Land Use, and Agricultural Changes on Atmospheric Composition and Climate Posters | B,GC,PA | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11E | Large-Scale Atmospheric Transport and Mixing: Observations, Modeling, and Theory Posters | | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11F | Leveraging Model Hierarchies to Understand the Climate System Posters | | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11G | Links between Arctic Low Clouds and Their Environment: Current Gaps and Future Directions Posters | B,C,OS | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11H | New Developments in Radar Polarimetry: Synergies toward Process Understanding and Operational Applications Posters | H,NH | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11I | Observational, Modeling, and Theoretical Developments that Improve the Understanding of Radiative Forcing Posters | GC | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11J | Observations, Modeling, and Effects of Mixed-Phase Clouds Posters | | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11K | The Year of Tropics-Midlatitude Interactions and Teleconnections Posters | | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |

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|----------------------|------|--|-----------|----|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A11L | Tropospheric Chemistry-Climate Interactions Posters | | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11M | Understanding Processes that Influence the Vertical Distribution of Ozone in the Troposphere Posters | | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11N | Weather and Climate in High Mountains: Observations and Modeling Posters | | | 12/12/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A11O | Advances in High Resolution Climate Modeling I | | | 12/12/2016 | 8:00:00 | 10:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A11P | Advances in Remote Sensing of Clouds and Precipitation I | GC | | 12/12/2016 | 8:00:00 | 10:00:00 | 3001 | Moscone West |
| Atmospheric Sciences | A11Q | Air Pollution, Greenhouse Gases, and Emissions in East Asia and Its Interactions with the World I | GC,PA | GC | 12/12/2016 | 8:00:00 | 10:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A11R | Atmospheric Boundary Layer Processes and Turbulence I | B,H,NG,OS | | 12/12/2016 | 8:00:00 | 10:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A11S | Earth System Change from Space: From EOS to Suomi NPP I | B,C,OS | | 12/12/2016 | 8:00:00 | 10:00:00 | 3002 | Moscone West |
| Atmospheric Sciences | A11T | Identifying Links between the Large-Scale Atmospheric Circulation and Climate Extremes I | | | 12/12/2016 | 8:00:00 | 10:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A11U | Processes and Linkages in the Upper Troposphere and Lower Stratosphere: Observations and Models I | | | 12/12/2016 | 8:00:00 | 10:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A12A | Advances in High Resolution Climate Modeling II | | | 12/12/2016 | 10:20:00 | 12:20:00 | 3008 | Moscone West |
| Atmospheric Sciences | A12B | Air Pollution, Greenhouse Gases, and Emissions in East Asia and Its Interactions with the World II | GC,PA | GC | 12/12/2016 | 10:20:00 | 12:20:00 | 3010 | Moscone West |
| Atmospheric Sciences | A12C | Atmospheric Boundary Layer Processes and Turbulence II | B,H,NG,OS | | 12/12/2016 | 10:20:00 | 12:20:00 | 3006 | Moscone West |
| Atmospheric Sciences | A12D | Identifying Links between the Large-Scale Atmospheric Circulation and Climate Extremes II | | | 12/12/2016 | 10:20:00 | 12:20:00 | 3004 | Moscone West |

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|----------------------|------|--|--------|----|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A12E | Processes and Linkages in the Upper Troposphere and Lower Stratosphere: Observations and Models II | | | 12/12/2016 | 10:20:00 | 12:20:00 | 3012 | Moscone West |
| Atmospheric Sciences | A13A | Advances in High Resolution Climate Modeling III Posters | | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13B | Air Pollution, Greenhouse Gases, and Emissions in East Asia and Its Interactions with the World III Posters | GC,PA | GC | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13C | Coupling of Cloud Processes with the Large-Scale Atmospheric Circulation Posters | | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13D | Earth System Change from Space: From EOS to Suomi NPP II Posters | B,C,OS | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13E | Identifying Links between the Large-Scale Atmospheric Circulation and Climate Extremes III Posters | | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13F | Intraseasonal to Interannual Variability of the Asian Monsoon in a Changing Climate I Posters | | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13G | Processes and Linkages in the Upper Troposphere and Lower Stratosphere: Observations and Models III Posters | | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13H | The Underappreciated Aerosol Coarse Mode Posters | | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13I | Useful and Usable Data: What Makes Climate Science Actionable? Posters | GC,SI | | 12/12/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A13J | Emissions and Tropospheric Photochemistry on the Urban Scale I | PA | | 12/12/2016 | 13:40:00 | 15:40:00 | 3010 | Moscone West |
| Atmospheric Sciences | A13K | Impacts of Land-Atmosphere Interactions in the Tibetan Plateau on Weather and Climate: Observations and Modeling I | | | 12/12/2016 | 13:40:00 | 15:40:00 | 3004 | Moscone West |

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|----------------------|------|---|-----------|--|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A13L | Improving Physical Process Representation in Global Models I | | | 12/12/2016 | 13:40:00 | 15:40:00 | 3012 | Moscone West |
| Atmospheric Sciences | A13M | Mineral Dust Aerosols: From Small-Scale Insights to Large-Scale Understanding I | B,EP,GC,V | | 12/12/2016 | 13:40:00 | 15:40:00 | 3008 | Moscone West |
| Atmospheric Sciences | A13N | Novel Methods and Technologies for Emission Monitoring and Exposure Assessment to Hazardous Air Pollutants I | | | 12/12/2016 | 13:40:00 | 15:40:00 | 3006 | Moscone West |
| Atmospheric Sciences | A14A | Emissions and Tropospheric Photochemistry on the Urban Scale II | PA | | 12/12/2016 | 16:00:00 | 18:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A14B | Impacts of Land-Atmosphere Interactions in the Tibetan Plateau on Weather and Climate: Observations and Modeling II | | | 12/12/2016 | 16:00:00 | 18:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A14C | Mineral Dust Aerosols: From Small-Scale Insights to Large-Scale Understanding II | B,EP,GC,V | | 12/12/2016 | 16:00:00 | 18:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A14D | Multiscale Modeling of the Atmosphere I (Half Session) | | | 12/12/2016 | 16:00:00 | 16:55:00 | 3012 | Moscone West |
| Atmospheric Sciences | A14E | Novel Methods and Technologies for Emission Monitoring and Exposure Assessment to Hazardous Air Pollutants II | | | 12/12/2016 | 16:00:00 | 18:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A14F | Beyond the Interannual: Multidecadal and Centennial Modes of Climate Variability (Half Session) I | | | 12/12/2016 | 17:00:00 | 18:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A21A | Advances in Remote Sensing of Clouds and Precipitation II Posters | GC,H | | 12/13/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A21B | Beyond the Interannual: Multidecadal and Centennial Modes of Climate Variability II Posters | | | 12/13/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A21C | Emissions and Tropospheric Photochemistry on the Urban Scale III Posters | PA | | 12/13/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |

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|----------------------|------|--|------------|----|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A21D | Impacts of Land-Atmosphere Interactions in the Tibetan Plateau on Weather and Climate: Observations and Modeling III Posters | | | 12/13/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A21E | Mineral Dust Aerosols: From Small-Scale Insights to Large-Scale Understanding III Posters | B,EP,GC,V | | 12/13/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A21F | Multiscale Modeling of the Atmosphere II Posters | | | 12/13/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A21G | Novel Methods and Technologies for Emission Monitoring and Exposure Assessment to Hazardous Air Pollutants III Posters | | | 12/13/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A21H | Advances in Atmospheric Remote Sensing Techniques and Theories I | | | 12/13/2016 | 8:00:00 | 10:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A21I | Atmospheric Boundary Layer Processes and Turbulence III | B,H,NG,OS | | 12/13/2016 | 8:00:00 | 10:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A21J | Bjerknes Lecture | | | 12/13/2016 | 8:00:00 | 8:55:00 | 2022/2024 | Moscone West |
| Atmospheric Sciences | A21K | Earth Observations from the L1 (Lagrangian Point No. 1) I | | EP | 12/13/2016 | 8:00:00 | 10:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A21L | Fog: Atmosphere, Biosphere, Land, and Ocean Interactions I | B,GC,H,OS | B | 12/13/2016 | 8:00:00 | 10:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A21M | Global Convection, Hydrology, and Climate I | | | 12/13/2016 | 8:00:00 | 10:00:00 | 2002 | Moscone West |
| Atmospheric Sciences | A21N | The East Asian Monsoon: Past, Present, Future I | AE,GC,H,PP | | 12/13/2016 | 8:00:00 | 10:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A21O | Charney Lecture | | | 12/13/2016 | 9:00:00 | 10:00:00 | 2022/2024 | Moscone West |
| Atmospheric Sciences | A22A | Advances in Atmospheric Remote Sensing Techniques and Theories II | | | 12/13/2016 | 10:20:00 | 12:20:00 | 3004 | Moscone West |
| Atmospheric Sciences | A22B | Data Assimilation, Inverse Methods, Reanalysis, and Observing System Simulation Experiments I | NG | NG | 12/13/2016 | 10:20:00 | 12:20:00 | 3010 | Moscone West |
| Atmospheric Sciences | A22C | Grand Challenges in Earth System Modeling: Decadal Climate Variability and Change, Prediction, and Its Applications I | B,GC,H,OS | | 12/13/2016 | 10:20:00 | 12:20:00 | 3006 | Moscone West |

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|----------------------|------|--|-----------|----|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A22D | Intraseasonal to Interannual Variability of the Asian Monsoon in a Changing Climate II | | | 12/13/2016 | 10:20:00 | 12:20:00 | 3022 | Moscone West |
| Atmospheric Sciences | A22E | Seasonal to Decadal Extratropical Northern Hemisphere Climate Variability and Predictability I | OS | | 12/13/2016 | 10:20:00 | 12:20:00 | 3020 | Moscone West |
| Atmospheric Sciences | A22F | Tropospheric Chemistry in Polar Regions: Sources, Transport, Processes, and Impacts I | B,C,GC | | 12/13/2016 | 10:20:00 | 12:20:00 | 3012 | Moscone West |
| Atmospheric Sciences | A22G | Understanding, Evaluating, and Improving Emissions through Atmospheric Observations I | B,GC | | 12/13/2016 | 10:20:00 | 12:20:00 | 3008 | Moscone West |
| Atmospheric Sciences | A23A | Advances in Atmospheric Remote Sensing Techniques and Theories III Posters | | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23B | Atmospheric Boundary Layer Processes and Turbulence IV Posters | B,H,NG,OS | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23C | Data Assimilation, Inverse Methods, Reanalysis, and Observing System Simulation Experiments II Posters | NG | NG | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23D | Earth Observations from the L1 (Lagrangian Point No. 1) II Posters | | EP | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23E | Fog: Atmosphere, Biosphere, Land, and Ocean Interactions II Posters | B,GC,H,OS | B | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23F | Global Convection, Hydrology, and Climate II Posters | | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23G | Grand Challenges in Earth System Modeling: Decadal Climate Variability and Change, Prediction, and Its Applications II Posters | B,GC,H,OS | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23H | Seasonal to Decadal Extratropical Northern Hemisphere Climate Variability and Predictability II Posters | OS | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |

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| Atmospheric Sciences | A23I | The Dynamical Processes of Stratosphere-Troposphere Interactions and Their Relationship with Climate I Posters | | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23J | The East Asian Monsoon: Past, Present, Future II Posters | AE,GC,H,PP | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23K | Tropospheric Chemistry in Polar Regions: Sources, Transport, Processes, and Impacts II Posters | B,C,GC | | 12/13/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A23L | Calibration and Validation of Satellite Microwave, Infrared, and Solar Reflective Observations I | C,IN,NG,OS | | 12/13/2016 | 13:40:00 | 15:40:00 | 3010 | Moscone West |
| Atmospheric Sciences | A23M | Improvements toward Understanding the Surface Energy Balance and the Spatiotemporal Variation of Its Components I | GC | | 12/13/2016 | 13:40:00 | 15:40:00 | 3004 | Moscone West |
| Atmospheric Sciences | A23N | Lidar Investigations of Greenhouse Gases, Aerosols, and Clouds I | B,GC | | 12/13/2016 | 13:40:00 | 15:40:00 | 3012 | Moscone West |
| Atmospheric Sciences | A23O | The Madden-Julian Oscillation: Observations, Theory, Modeling, and Prediction I | | | 12/13/2016 | 13:40:00 | 15:40:00 | 3006 | Moscone West |
| Atmospheric Sciences | A23P | Understanding, Evaluating, and Improving Emissions through Atmospheric Observations II | B,GC | | 12/13/2016 | 13:40:00 | 15:40:00 | 3008 | Moscone West |
| Atmospheric Sciences | A24A | Analysis and Numerical Forecast of Air Quality in Asia I | PA | | 12/13/2016 | 16:00:00 | 18:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A24B | Atmospheric Aerosols and Effects on Biogeochemical Cycles and Climate I | B,GC | | 12/13/2016 | 16:00:00 | 18:00:00 | 3002 | Moscone West |
| Atmospheric Sciences | A24C | Calibration and Validation of Satellite Microwave, Infrared, and Solar Reflective Observations II | C,IN,NG,OS | | 12/13/2016 | 16:00:00 | 18:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A24D | Lidar Investigations of Greenhouse Gases, Aerosols, and Clouds II | B,GC | | 12/13/2016 | 16:00:00 | 18:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A24E | The Madden-Julian Oscillation: Observations, Theory, Modeling, and Prediction II | | | 12/13/2016 | 16:00:00 | 18:00:00 | 3006 | Moscone West |

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|-----------------------------|------|--|------------|--|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A24F | Understanding, Evaluating, and Improving Emissions through Atmospheric Observations III | B,GC | | 12/13/2016 | 16:00:00 | 18:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A31A | Advances in Numerical Methods for Atmosphere and Ocean Modeling I Posters | | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31B | Analysis and Numerical Forecast of Air Quality in Asia II Posters | PA | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31C | Atmospheric Aerosols and Effects on Biogeochemical Cycles and Climate II Posters | B,GC | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31D | Calibration and Validation of Satellite Microwave, Infrared, and Solar Reflective Observations III Posters | C,IN,NG,OS | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31E | Data Assimilation and Inverse Modeling of the Atmospheric Composition I Posters | GC,NG | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31F | Improvements toward Understanding the Surface Energy Balance and the Spatiotemporal Variation of Its Components II Posters | GC | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31G | Lidar Investigations of Greenhouse Gases, Aerosols, and Clouds III Posters | B,GC | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31H | The Madden-Julian Oscillation: Observations, Theory, Modeling, and Prediction III Posters | | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31I | Understanding, Evaluating, and Improving Emissions through Atmospheric Observations IV Posters | B,GC | | 12/14/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A31J | Coordinating Air Pollutant and Greenhouse Gas Mitigation Strategies: Co-benefits for Air Quality, Health, and Climate I | GC,SI | | 12/14/2016 | 8:00:00 | 10:00:00 | 3010 | Moscone West |

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| Atmospheric Sciences | A31K | Cross-Disciplinary Collaboration among Geoscience Initiatives and Observatories in U.S. and Europe Examining Network of Networks Opportunities | B,GC,IN,OS | | 12/14/2016 | 8:00:00 | 10:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A31L | Laboratory Studies in Atmospheric Sciences I | | | 12/14/2016 | 8:00:00 | 10:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A31M | Processes of Sub-Cloud Scales: Modeling, Observation, and Parameterization for Larger-Scale Models I | | | 12/14/2016 | 8:00:00 | 10:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A31N | Remote Sensing of CH ₄ and CO ₂ from Space: Moving toward an Observing System I | GC | | 12/14/2016 | 8:00:00 | 10:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A32A | Advances in Remote Sensing of Fires, Aerosols, and Trace Gases for Air Quality Applications I | | | 12/14/2016 | 10:20:00 | 12:20:00 | 3002 | Moscone West |
| Atmospheric Sciences | A32B | Improving Physical Process Representation in Global Models II Posters (Lightning) | GC,OS | | 12/14/2016 | 10:20:00 | 12:20:00 | 110 | Moscone North |
| Atmospheric Sciences | A32C | Laboratory Studies in Atmospheric Sciences II | | | 12/14/2016 | 10:20:00 | 12:20:00 | 3008 | Moscone West |
| Atmospheric Sciences | A32D | Remote Sensing of CH ₄ and CO ₂ from Space: Moving toward an Observing System II | GC | | 12/14/2016 | 10:20:00 | 12:20:00 | 3004 | Moscone West |
| Atmospheric Sciences | A32E | Stochastic and Coupled Modeling for Seamless Earth System Prediction Capabilities I | GC,H,NG,OS | | 12/14/2016 | 10:20:00 | 12:20:00 | 3006 | Moscone West |
| Atmospheric Sciences | A32F | The Dynamical Processes of Stratosphere-Troposphere Interactions and Their Relationship with Climate II | | | 12/14/2016 | 10:20:00 | 12:20:00 | 3010 | Moscone West |
| Atmospheric Sciences | A33A | Atmospheric Oxidation Capacity Constraints: Laboratory Investigations, Field and Remote Sensing Observations, and Modeling Studies I Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |

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|-----------------------------|------|---|-------|--|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A33B | Climate Sensitivity and Feedbacks: Advances and New Paradigms I Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33C | Coordinating Air Pollutant and Greenhouse Gas Mitigation Strategies: Co-benefits for Air Quality, Health, and Climate II Posters | GC,SI | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33D | Improving Physical Process Representation in Global Models II Posters | GC,OS | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33E | Laboratory Studies in Atmospheric Sciences III Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33F | Light Scattering and Radiative Transfer: Basic Research and Applications I Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33G | Observations and Modeling of Dust Aerosol and Its Societal Impacts in a Changing Climate I Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33H | Organic Carbon in the Atmosphere: Reactivity, Budgets, and Lifecycle I Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33I | Processes of Sub-Cloud Scales: Modeling, Observation, and Parameterization for Larger-Scale Models II Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33J | Subseasonal to Seasonal Forecasting of High-Impact Weather and Climate Events I Posters | | | 12/14/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A33K | Atmospheric Convection: Physics, Dynamics, Chemistry, and Roles in Weather and Climate I | | | 12/14/2016 | 13:40:00 | 15:40:00 | 3010 | Moscone West |
| Atmospheric Sciences | A33L | Cloud-Aerosol-Precipitation-Climate Interactions over the Southeastern Atlantic I | | | 12/14/2016 | 13:40:00 | 15:40:00 | 3008 | Moscone West |

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|----------------------|------|---|-------------|----------|------------|----------|----------|-------------|---------------|
| Atmospheric Sciences | A33M | Energy and Water Cycling: Regional to Global Variability and Water Security I | H,NH | | 12/14/2016 | 13:40:00 | 15:40:00 | 3012 | Moscone West |
| Atmospheric Sciences | A33N | ENSO Dynamics, Observations, and Predictability in Light of the Recent 2015–2016 El Niño Event I | | | 12/14/2016 | 13:40:00 | 15:40:00 | 3006 | Moscone West |
| Atmospheric Sciences | A33O | Remote Sensing of CH ₄ and CO ₂ from Space: Moving toward an Observing System III | GC | | 12/14/2016 | 13:40:00 | 15:40:00 | 3004 | Moscone West |
| Atmospheric Sciences | A33P | The Rise of Small Satellite Constellations for Earth Observation I | GC,IN,SA,SH | IN,SA,SH | 12/14/2016 | 13:40:00 | 15:40:00 | 3002 | Moscone West |
| Atmospheric Sciences | A34A | Advances in Numerical Methods for Atmosphere and Ocean Modeling II | | | 12/14/2016 | 16:00:00 | 18:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A34B | Advances in Remote Sensing of Fires, Aerosols, and Trace Gases for Air Quality Applications II | | | 12/14/2016 | 16:00:00 | 18:00:00 | 3002 | Moscone West |
| Atmospheric Sciences | A34C | Anthropogenic Aerosol Forcing: Mechanisms of Regional Climate Variability and Change I | GC | GC | 12/14/2016 | 16:00:00 | 18:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A34D | Atmospheric Convection: Physics, Dynamics, Chemistry, and Roles in Weather and Climate II | | | 12/14/2016 | 16:00:00 | 18:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A34E | Dynamics, Observations, and Predictability in Light of the Recent 2015–2016 El Niño Event II | | | 12/14/2016 | 16:00:00 | 18:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A41A | Advances in Remote Sensing of Fires, Aerosols, and Trace Gases for Air Quality Applications III Posters | | | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A41B | Anthropogenic Aerosol Forcing: Mechanisms of Regional Climate Variability and Change II Posters | GC | GC | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A41C | Atmospheric Convection: Physics, Dynamics, Chemistry, and Roles in Weather and Climate III Posters | | | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |

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| Atmospheric Sciences | A41D | Cloud-Aerosol-Precipitation-Climate Interactions over the Southeastern Atlantic II Posters | | | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A41E | Energy and Water Cycling: Regional to Global Variability and Water Security II Posters | | | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A41F | Remote Sensing of CH ₄ and CO ₂ from Space: Moving toward an Observing System IV Posters | GC | | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A41G | Stochastic and Coupled Modeling for Seamless Earth System Prediction Capabilities II Posters | NG,OS | | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A41H | The Rise of Small Satellite Constellations for Earth Observation II Posters | GC,IN,SA,SH | IN,SA,SH | 12/15/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A41I | Atmospheric Oxidation Capacity Constraints: Laboratory Investigations, Field and Remote Sensing Observations, and Modeling Studies II | | | 12/15/2016 | 8:00:00 | 10:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A41J | Atmospheric Trace Species: Observations and Analyses of the Effects of Changing Atmospheric Composition on Stratospheric Ozone and Climate I | | | 12/15/2016 | 8:00:00 | 10:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A41K | Climate Sensitivity and Feedbacks: Advances and New Paradigms II | | | 12/15/2016 | 8:00:00 | 10:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A41L | Dynamics, Observations, and Predictability in Light of the Recent 2015–2016 El Niño Event III | | | 12/15/2016 | 8:00:00 | 10:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A41M | Interactions between Biogenic and Anthropogenic Emissions: Contrasting the Southeast United States, Amazonia, and Other Regions of the Atmosphere I | B | | 12/15/2016 | 8:00:00 | 10:00:00 | 3004 | Moscone West |

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| Atmospheric Sciences | A41N | Observations and Modeling of Dust Aerosol and Its Societal Impacts in a Changing Climate II | | | 12/15/2016 | 8:00:00 | 10:00:00 | 3002 | Moscone West |
| Atmospheric Sciences | A41O | Stochastic and Coupled Modeling for Seamless Earth System Prediction Capabilities II Posters (Lightning) | NG,OS | | 12/15/2016 | 8:00:00 | 10:00:00 | 110 | Moscone North |
| Atmospheric Sciences | A42A | Atmospheric Oxidation Capacity Constraints: Laboratory Investigations, Field and Remote Sensing Observations, and Modeling Studies III | | | 12/15/2016 | 10:20:00 | 12:20:00 | 3012 | Moscone West |
| Atmospheric Sciences | A42B | Atmospheric Trace Species: Observations and Analyses of the Effects of Changing Atmospheric Composition on Stratospheric Ozone and Climate II | | | 12/15/2016 | 10:20:00 | 12:20:00 | 3008 | Moscone West |
| Atmospheric Sciences | A42C | Boundary Layer Clouds and Climate Change I | | | 12/15/2016 | 10:20:00 | 12:20:00 | 3010 | Moscone West |
| Atmospheric Sciences | A42D | Data Assimilation and Inverse Modeling of the Atmospheric Composition II | GC,NG | | 12/15/2016 | 10:20:00 | 12:20:00 | 3004 | Moscone West |
| Atmospheric Sciences | A42E | Dynamics, Observations, and Predictability in Light of the Recent 2015–2016 El Niño Event IV | | | 12/15/2016 | 10:20:00 | 12:20:00 | 3006 | Moscone West |
| Atmospheric Sciences | A42F | Microphysical and Macroscopic Properties of Ice Clouds and Mixed-Phase Clouds: Linking In Situ, Remote Sensing Observations and Multiscale Models I | | GC | 12/15/2016 | 10:20:00 | 12:20:00 | 3002 | Moscone West |
| Atmospheric Sciences | A43A | Atmospheric Trace Species: Observations and Analyses of the Effects of Changing Atmospheric Composition on Stratospheric Ozone and Climate III Posters | | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43B | Boundary Layer Clouds and Climate Change II Posters | | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |

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| Atmospheric Sciences | A43C | Dynamics, Observations, and Predictability in Light of the Recent 2015–2016 El Niño Event V Posters | | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43D | Dynamics, Observations, and Predictability in Light of the Recent 2015–2016 El Niño Event VI Posters | | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43E | Interactions between Biogenic and Anthropogenic Emissions: Contrasting the Southeast United States, Amazonia, and Other Regions of the Atmosphere II Posters | B | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43F | Microphysical and Macroscopic Properties of Ice Clouds and Mixed-Phase Clouds: Linking In Situ, Remote Sensing Observations and Multiscale Models II Posters | | GC | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43G | Toward Reducing Systematic Errors in Weather and Climate Models: Evaluation, Understanding, and Improvement I Poster | | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43H | Tropical Cyclones: Observations, Modeling, and Predictability I Posters | NH | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43I | Tropical Cyclones: Observations, Modeling, and Predictability II Posters | NH | | 12/15/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A43J | A-Train Constellation: 10 Years of Multiplatform Scientific Achievements I | | | 12/15/2016 | 13:40:00 | 15:40:00 | 3002 | Moscone West |
| Atmospheric Sciences | A43K | AS New Fellows I | | | 12/15/2016 | 13:40:00 | 15:40:00 | 3008 | Moscone West |
| Atmospheric Sciences | A43L | Light Scattering and Radiative Transfer: Basic Research and Applications II | | | 12/15/2016 | 13:40:00 | 15:40:00 | 3012 | Moscone West |
| Atmospheric Sciences | A43M | Organic Carbon in the Atmosphere: Reactivity, Budgets, and Lifecycle II | | | 12/15/2016 | 13:40:00 | 15:40:00 | 3006 | Moscone West |
| Atmospheric Sciences | A43N | Reducing Uncertainty in Aerosol Effects on Climate I | | | 12/15/2016 | 13:40:00 | 15:40:00 | 3010 | Moscone West |

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| Atmospheric Sciences | A43O | Subseasonal to Seasonal Forecasting of High-Impact Weather and Climate Events II | | | 12/15/2016 | 13:40:00 | 15:40:00 | 3004 | Moscone West |
| Atmospheric Sciences | A44A | Advances in Active, Spectral, and Polarimetric Remote Sensing and Retrieval Techniques for Characterization of the Atmosphere and Ocean I | | | 12/15/2016 | 16:00:00 | 18:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A44B | AS New Fellows II | | | 12/15/2016 | 16:00:00 | 18:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A44C | Emerging Applications of Atmospheric-Rivers Science I Oral | H | C,H,NH,SI | 12/15/2016 | 16:00:00 | 18:00:00 | 3002 | Moscone West |
| Atmospheric Sciences | A44D | Organic Carbon in the Atmosphere: Reactivity, Budgets, and Lifecycle III | | | 12/15/2016 | 16:00:00 | 18:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A44E | Reducing Uncertainty in Aerosol Effects on Climate II | | | 12/15/2016 | 16:00:00 | 18:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A44F | Subseasonal to Seasonal Forecasting of High-Impact Weather and Climate Events III | | | 12/15/2016 | 16:00:00 | 18:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A51A | A-Train Constellation: 10 Years of Multiplatform Scientific Achievements II Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51B | Advances in Active, Spectral, and Polarimetric Remote Sensing and Retrieval Techniques for Characterization of the Atmosphere and Ocean II Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51C | Atmospheric Circulation and Hydrological Cycle under a Changing Climate: Monsoons, Storm Tracks, and the ITCZ I Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51D | Emergence of a Regional to Global Observing System for Air Quality: Integrating Tropospheric Composition Observations, Models, and Uncertainty Characterization I Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |

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| Atmospheric Sciences | A51E | Emerging Applications of Atmospheric-Rivers Science II Posters | H | C,H,NH,SI | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51F | Marine Aerosols and Trace Gases I Posters | B,OS | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51G | Observations for Improving Polar Weather and Climate Predictions I Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51H | Reducing Uncertainty in Aerosol Effects on Climate III Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51I | Regional Climate Modeling I Posters | GC,H,NG | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51J | Remote Sensing of Aerosol Composition and Size I Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51K | Understanding and Attributing Greenhouse Gas Fluxes from Urban Systems and Major Hot-Spots I Posters | | | 12/16/2016 | 8:00:00 | 12:20:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A51L | Convection Across Scales: Observations, Modeling, and Theory I | | | 12/16/2016 | 8:00:00 | 10:00:00 | 3012 | Moscone West |
| Atmospheric Sciences | A51M | Extratropical and High-Latitude Storms, Teleconnections, Extreme Weather, and the Changing Polar Climate I | C,GC,H,OS | C,GC,H,OS | 12/16/2016 | 8:00:00 | 10:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A51N | Multisensor, Model, and Measurement Synergy: Global Aerosol Characterization I | | | 12/16/2016 | 8:00:00 | 10:00:00 | 3004 | Moscone West |
| Atmospheric Sciences | A51O | Role of Cloud Physics in Understanding Links between Aerosols, Clouds, Radiation, and Precipitation I | | | 12/16/2016 | 8:00:00 | 10:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A51P | Source Apportionment of Air Pollutants in Asia I | PA | | 12/16/2016 | 8:00:00 | 10:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A51Q | Tropical Circulations and Their Sensitivities to Changes in Climate I | GC,OS,PP | | 12/16/2016 | 8:00:00 | 10:00:00 | 3002 | Moscone West |

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| Atmospheric Sciences | A52A | Extratropical and High-Latitude Storms, Teleconnections, Extreme Weather, and the Changing Polar Climate II | C,GC,H,OS | C,GC,H,OS | 12/16/2016 | 10:20:00 | 12:20:00 | 3010 | Moscone West |
| Atmospheric Sciences | A52B | Multisensor, Model, and Measurement Synergy: Global Aerosol Characterization II | | | 12/16/2016 | 10:20:00 | 12:20:00 | 3004 | Moscone West |
| Atmospheric Sciences | A52C | Role of Cloud Physics in Understanding Links between Aerosols, Clouds, Radiation, and Precipitation II | | | 12/16/2016 | 10:20:00 | 12:20:00 | 3006 | Moscone West |
| Atmospheric Sciences | A52D | Toward Reducing Systematic Errors in Weather and Climate Models: Evaluation, Understanding, and Improvement II | | | 12/16/2016 | 10:20:00 | 12:20:00 | 3008 | Moscone West |
| Atmospheric Sciences | A52E | Tropical Cyclones: Observations, Modeling, and Predictability III | NH | | 12/16/2016 | 10:20:00 | 12:20:00 | 3012 | Moscone West |
| Atmospheric Sciences | A53A | Convection Across Scales: Observations, Modeling, and Theory II Posters | | | 12/16/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A53B | Extratropical and High-Latitude Storms, Teleconnections, Extreme Weather, and the Changing Polar Climate III Posters | C,GC,H,OS | C,GC,H,OS | 12/16/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A53C | Multisensor, Model, and Measurement Synergy: Global Aerosol Characterization III Posters | | | 12/16/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A53D | Role of Cloud Physics in Understanding Links between Aerosols, Clouds, Radiation, and Precipitation III Posters | | | 12/16/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A53E | Source Apportionment of Air Pollutants in Asia II Posters | PA | | 12/16/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |
| Atmospheric Sciences | A53F | Tropical Circulations and Their Sensitivities to Changes in Climate II Posters | GC,OS,PP | | 12/16/2016 | 13:40:00 | 18:00:00 | Poster Hall | Moscone South |

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| Atmospheric Sciences | A53G | Atmospheric Circulation and Hydrological Cycle under a Changing Climate: Monsoons, Storm Tracks, and the ITCZ II | | | 12/16/2016 | 13:40:00 | 15:40:00 | 2022/2024 | Moscone West |
| Atmospheric Sciences | A53H | Emergence of a Regional to Global Observing System for Air Quality: Integrating Tropospheric Composition Observations, Models, and Uncertainty Characterization II | | | 12/16/2016 | 13:40:00 | 15:40:00 | 3010 | Moscone West |
| Atmospheric Sciences | A53I | Observations for Improving Polar Weather and Climate Predictions II | | | 12/16/2016 | 13:40:00 | 15:40:00 | 3002 | Moscone West |
| Atmospheric Sciences | A53J | Regional Climate Modeling II | GC,H,NG | | 12/16/2016 | 13:40:00 | 15:40:00 | 3006 | Moscone West |
| Atmospheric Sciences | A53K | Toward Reducing Systematic Errors in Weather and Climate Models: Evaluation, Understanding, and Improvement III | | | 12/16/2016 | 13:40:00 | 15:40:00 | 3008 | Moscone West |
| Atmospheric Sciences | A53L | Tropical Cyclones: Observations, Modeling, and Predictability IV | NH | | 12/16/2016 | 13:40:00 | 15:40:00 | 3012 | Moscone West |
| Atmospheric Sciences | A53M | Understanding and Attributing Greenhouse Gas Fluxes from Urban Systems and Major Hot-Spots II | | | 12/16/2016 | 13:40:00 | 15:40:00 | 3004 | Moscone West |
| Atmospheric Sciences | A54A | Atmospheric Circulation and Hydrological Cycle under a Changing Climate: Monsoons, Storm Tracks, and the ITCZ III | | | 12/16/2016 | 16:00:00 | 18:00:00 | 2022/2024 | Moscone West |
| Atmospheric Sciences | A54B | Emergence of a Regional to Global Observing System for Air Quality: Integrating Tropospheric Composition Observations, Models, and Uncertainty Characterization III | | | 12/16/2016 | 16:00:00 | 18:00:00 | 3010 | Moscone West |
| Atmospheric Sciences | A54C | Marine Aerosols and Trace Gases II | B,OS | | 12/16/2016 | 16:00:00 | 18:00:00 | 3002 | Moscone West |
| Atmospheric Sciences | A54D | Regional Climate Modeling III | GC,H,NG | | 12/16/2016 | 16:00:00 | 18:00:00 | 3006 | Moscone West |
| Atmospheric Sciences | A54E | Remote Sensing of Aerosol Composition and Size II | | | 12/16/2016 | 16:00:00 | 18:00:00 | 3008 | Moscone West |
| Atmospheric Sciences | A54F | Tropical Cyclones: Observations, Modeling, and Predictability V | NH | | 12/16/2016 | 16:00:00 | 18:00:00 | 3012 | Moscone West |

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| Atmospheric Sciences | A54G | Understanding and Attributing Greenhouse Gas Fluxes from Urban Systems and Major Hot-Spots III | | | 12/16/2016 | 16:00:00 | 18:00:00 | 3004 | Moscone West |
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