

# 2021 International Aerosol Modeling Algorithms Conference

**December 7 - December 10, 2021 • Hosted Virtually**

Hear from more than 60 presenters from around the world - sharing their work, research, and expertise during this year's four-day virtual program!

## Day 1 Schedule

PT	UK	Conference Activity						
7:30 AM	3:30 PM	<u>Morning Networking</u> : Virtual Conference Platform Demo						
8:00 AM	4:00 PM	<p><b>Session 1: Molecule to Single Particle</b></p> <table border="0"> <tr> <td>Chenxi Li</td> <td>Ivo Neefjes</td> </tr> <tr> <td>Nanna Myllys</td> <td>Jonas Elm</td> </tr> <tr> <td>Bernhard Reischl</td> <td>Miriam Arak Freedman</td> </tr> </table>	Chenxi Li	Ivo Neefjes	Nanna Myllys	Jonas Elm	Bernhard Reischl	Miriam Arak Freedman
Chenxi Li	Ivo Neefjes							
Nanna Myllys	Jonas Elm							
Bernhard Reischl	Miriam Arak Freedman							
9:45 AM	5:45 PM	Short Break						
10:00 AM	6:00 PM	<p><b>Session 2a: Emerging Modelling Techniques (Part 1)</b></p> <table border="0"> <tr> <td>Paula Harder</td> <td>Duncan Watson-Parris</td> </tr> <tr> <td>Leighton Regayre</td> <td>Xiaokai Yang</td> </tr> <tr> <td>Daniel O'Sullivan</td> <td></td> </tr> </table>	Paula Harder	Duncan Watson-Parris	Leighton Regayre	Xiaokai Yang	Daniel O'Sullivan	
Paula Harder	Duncan Watson-Parris							
Leighton Regayre	Xiaokai Yang							
Daniel O'Sullivan								
11:20 AM	7:20 PM	<u>Lunch Break &amp; Networking Connection Development</u> : <i>What's new in your life? What's new in your research?</i>						
12:15 PM	8:15 PM	<p><b>Session 2: Emerging Modelling Techniques (Part 2)</b></p> <table border="0"> <tr> <td>Zhonghua Zheng</td> <td>Tommaso Galeazzo</td> </tr> <tr> <td>Forwood Wisser</td> <td>Emily de Jong</td> </tr> <tr> <td>Tony Wexler</td> <td></td> </tr> </table>	Zhonghua Zheng	Tommaso Galeazzo	Forwood Wisser	Emily de Jong	Tony Wexler	
Zhonghua Zheng	Tommaso Galeazzo							
Forwood Wisser	Emily de Jong							
Tony Wexler								
1:35 PM	9:35 PM	<u>End of Day Group Networking &amp; Discussions</u> : Day 1 Presentation Review						
2:00 PM	10:00 PM	Day 1 Concludes						

**Register Here:** [iama.aqrc.ucdavis.edu/virtual-registration](https://iama.aqrc.ucdavis.edu/virtual-registration)

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## Day 2 Schedule

PT	UK	Conference Activity
7:30 AM	3:30 PM	<u>Morning Networking</u> : Early Career Discussion
8:00 AM	4:00 PM	<b>Session 2: Emerging Modelling Techniques (Part 3)</b> Manoranjan Sahu      Dana McGuffin Sam Silva              Justin Wang
9:05 AM	5:05 PM	Short Break
9:15 AM	5:15 PM	<b>Session 3: Air Quality Modeling for Health and Regulatory Assessments</b> Qiang Zhang              Havala Pye David Simpson            Ajith Kaduwela Heather Simon
10:45 AM	5:15 PM	<u>Lightning Talk Presentations (Part 1)</u> <ul style="list-style-type: none"> <li>• Saif Shahrukh</li> <li>• Maegan DeLessio</li> <li>• Jiachen Liu</li> <li>• Marcel Müller</li> <li>• Joseph Lilek</li> </ul>
11:00 AM	7:00 PM	<u>Poster Reviews &amp; Lunch Break:</u> <i>Poster Review &amp; Discussions with Lightning Talk Presenters</i>
12:00 PM	8:00 PM	<b>Session 4a: Advances in regional and global scale aerosol model developments for simulating the myriad processes affecting the properties and chemical composition of fine particles in the atmosphere (Part 1)</b> Joel Thornton              Nicole Riemer Chenchong Zhang        Jeffrey Curtis Robert McGraw
1:15 PM	9:15 PM	<u>End of Day Group Networking &amp; Discussions:</u> Day 2 Presentation Review
2:00 PM	10:00 PM	Day 2 Concludes

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## Day 3 Schedule

PT	UK	Conference Activity
7:30 AM	3:30 PM	<u>Morning Networking</u> : Regulations, Policies, and Real World Applications
8:00 AM	4:00 PM	<b>Session 4b: Advances in regional and global scale aerosol model developments for simulating the myriad processes affecting the properties and chemical composition of fine particles in the atmosphere (Part 2)</b> Qi Chen Bin Zhao Yumin Li Zhizhao Wang
9:10 AM	5:10 PM	<u>Keynote Presentation by Daven Henze</u> <b>Reduction of large datasets and expensive air quality model calculations through statistical analysis and machine learning</b>
10:15 AM	6:15 PM	Short Break
10:30 AM	6:30 PM	<b>Session 5a: Emissions and Sources (Part 1)</b> Allison Steiner Caroline Womack Loretta Mickley
11:35 AM	7:35 PM	<u>Lunch Break &amp; Established Researcher Connections Networking</u> <i>career perspectives, career progression, and navigating the field of aerosol modeling</i>
12:40 PM	8:40 PM	<b>Session 5b: Emissions and Sources (Part 2)</b> Craig Stroud Hannah Horowitz Su-Gwang Jeong
1:30 PM	9:30 PM	<u>End of Day Group Networking &amp; Discussions:</u> Day 3 Presentation Review
2:00 PM	10:00 PM	Day 3 Concludes

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## Day 4 Schedule

PT	UK	Conference Activity
7:30 AM	3:30 PM	<u>Morning Networking</u> : <i>Where do we go from here? What additional research is still needed?</i>
8:00 AM	4:00 PM	<b>Session 6a: Process Models to Box Models (Part 1)</b> Pontus Roldin                      Lin He Erik Hoffmann                      Liviana Klein
9:05 AM	5:05 PM	Short Break
9:15 AM	5:15 PM	<b>Session 6b: Process Models to Box Models (Part 2)</b> Malamas Tsagkaridis      V. Faye McNeill Andreas Zuend                      Rahul Zaveri
10:20 AM	6:20 AM	<u>Lightning Talk Presentations (Part 2)</u> • <i>Ruqian Miao</i> • <i>Yuliia Yukhymchuk</i> • <i>Saif Shahrukh</i> • <i>Samuel O'Donnell</i>
10:30 AM	6:30 PM	<u>Poster Reviews &amp; Lunch Break</u> : <i>Poster Review &amp; Discussions with Lightning Talk Presenters</i>
11:30 AM	7:30 PM	<b>Session 6c: Process Models to Box Models (Part 3)</b> Meredith Schervish              Jia Jiang Kai Zhang                              Charles He
12:35 PM	8:35 PM	<u>End of Conference Happy Hour &amp; Networking Discussions</u>
1:30 PM	9:30 PM	Conference Concludes!

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