



CACS - CENTER FOR ATMOSPHERIC AND CLIMATE SCIENCES

INVITES YOU

TO THE SEMINAR

BY

PROF. V. FAYE MCNEILL



**DEPARTMENTS OF CHEMICAL ENGINEERING AND
EARTH AND ENVIRONMENTAL ENGINEERING,
COLUMBIA UNIVERSITY, NEW YORK, NY 10027 USA.**

ON MONDAY 21ST AUGUST 2023 AT 3 PM

**VENUE: MSB 241, DEPARTMENT OF CHEMICAL ENGINEERING,
IIT MADRAS**

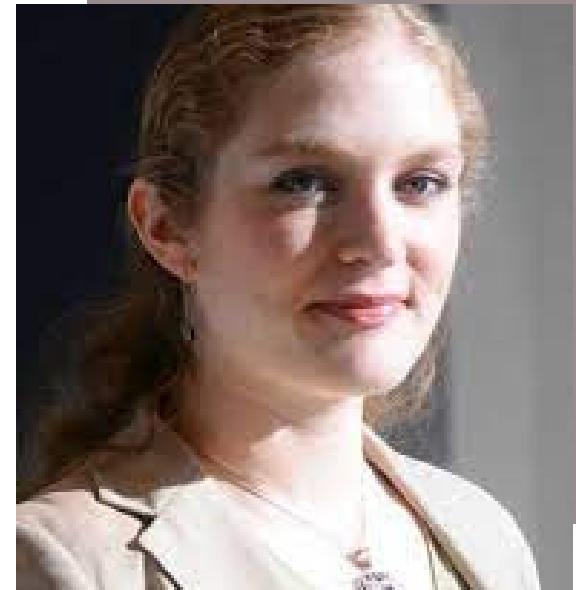
**ATMOSPHERIC CHEMISTRY: BRIDGING THE MOLECULAR,
URBAN, AND GLOBAL SCALES**

Atmospheric Chemistry: Bridging the molecular, urban, and global scales

by

Prof. V. Faye McNeill

**On Monday, 21st August 2023
At 3.00 PM**



**MSB 241, Department of
Chemical Engineering, IITM**

V. Faye McNeill is a Professor and Vice Chair in the Department of Chemical Engineering and a professor in the Department of Earth and Environmental Sciences at Columbia University. She is also an associate member of the Earth Institute Faculty and Principal Investigator of the Columbia University Clean Air Toolbox for Cities Initiative. She joined Columbia in 2007 and received tenure in 2014. From 2005-2007 she was a postdoctoral scholar at the University of Washington Department of Atmospheric Sciences. She was a co-editor of Atmospheric Chemistry and Physics from 2007-2017. She is the Associate Editor in charge of Atmospheric Chemistry for ACS Earth and Space Chemistry.

She received the NSF CAREER and the ACS Petroleum Research Fund Doctoral New Investigator awards in 2009. She was the recipient of the Kenneth T. Whitby Award of the American Association for Aerosol Research (AAAR) in 2015 and the Mellichamp Emerging Leaders lectureship at UCSB in 2018. She has served in multiple elected officer positions in AIChE, AAAR, and AGU, including Vice President of AAAR (President in 2023-2024). She is an appointed member of the IUPAC panel on kinetic data evaluation and the ACS Committee on Environmental Improvement.

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You all are welcome to her talk to know about "A fundamental challenge of atmospheric chemistry is bridging the gap between the detailed molecular-level knowledge generated by laboratory experiments and computationally constrained large-scale models".