Session 4. Urban Air Quality Modeling: Recent Advances and Challenges

Time (GMT)	Activity	Moderators/Speakers	Title
14:45-16:10	**Session 4. Urban Air Quality Modeling**		
14:45-14:50	Introduction (Moderator)	**Pablo Saide** (University of California at Los Angeles, CA, USA)	
14:50-15:35	**Panel Presentations (invited)**		
14:50-15:05		**Sachin Ghude** (Indian Institute of Tropical Meteorology, Pune, India)	Integrated air quality forecasting and decision support system for Delhi
15:05-15:20		**Jian He** (NOAA Chemical Science Laboratory, Boulder, CO, USA)	Modeling COVID Perturbation on Urban Emissions over the US
15:20-15:35		**Lya Lugon von Marttens** (Environ. Modelling, Max Planck institute for Meteorology, Hamburg, Germany)	Using multi-scale modelling to calculate primary and secondary pollutant concentrations in urban areas with a street resolution
15:35-15:50	**Panel Discussion**		
15:50-16:10	**Oral Presentations (10 min each)**		
15:50-16:00		**Craig Stroud**, Rabab Mashayekhi, Alain Robichaud et al.	Analysis of surface ozone exceedance events in the Detroit/Windsor area during the Michigan-Ontario Ozone Source Experiment (MOOSE)
16:00-16:10		**Rodrigo Munoz-Alpizar**, Craig Stroud, Ayodeji Akingunola et al.	Recent developments of a high resolution operational air quality system at ECCC

Please stay within the allocated time. The moderator/host will alert the speaker with **2 min** left and again when **the time is up.** The speaker's microphone may be **muted** so that the next speaker can start.