



5th Annual IWAQFR 2013 Hotel Gen, Santiago, Chile October 8th.

Time	Activity
9:00-9:20	Opening Remarks. Rodrigo Benitez, Subsecretario del Medio Ambiente, Gonzalo Medina, Dean of School of Ecology and Natural Resources, Universidad Andrés Bello First Session: Operational air quality forecasting and management. Chair: Marcelo Mena, UNAB
9:20 - 9:40	Air Quality Forecasting: Progress and Challenges. Veronique Bouchet, Environment Canada, Canada.
9:40-10:00	Ozone concentration trends in Mexico City Metropolitan Area, 1991-2001. Monica Jaimes, SEDEMA, Mexico.
10:00-10:20	Development and Evaluation of Next Air Quality Forecasting System for Canada. Sylvie Gravel, Environment Canada, Canada
10:20-10:40	Evaluation of chemical initial and boundary ozone concentrations in the Spanish Caliope AQFS, Jose María Baldasano, Barcelona Supercomputing Center, Spain.
10:40-11:10	<i>Coffee break and poster session. Break room.</i> Second Session: Air Quality Forecasting Research. Chair: Pablo Saide, University of Iowa
11:10-11:30	A scale and aerosol aware stochastic convective parameterization for weather and air quality modeling. Georg Grell, NOAA, USA.
11:30-11:50	Development of a new parameterization for below-cloud scavenging of size-resolved aerosol particles by both rain and snow. Michael Moran, Environment Canada.
11:50-12:10	Some lessons learned from modelling the Fukushima accident on the hemispheric scale. Lennart Robinson, SMHI, Sweden.
12:10-12:30	A methodology to convert National Emissions Inventory to a Model Ready Emissions Inventory. Agustín García, UNAM.
12:30-12:50	Improved Information of Trajectory and Volcanic-Ash in Indonesia using Dispersion Modelling, Edison Kurniawan, Head of Air Pollution, BMKG, Indonesia.

Time	Activity
12:50-14:00	Lunch, Hotel Gen Restaurant.
	Third session: Data Assimilation, Chair: Agustín García.
14:00-14:20	The Canadian Regional Air Quality Deterministic Prediction System: status and perspectives for the Canadian operational air quality forecast program, Didier Davignon, Environment Canada, Canada.
14:20-14:40	Aerosol optical depth assimilation for a size-resolved sectional model: impacts of observationally constrained, multi-wavelength and fine mode retrievals on regional scale analyses and forecasts, Pablo Saide, CGRER, University of Iowa, USA
14:40-15:00	Assimilation of Fine Aerosols using WRF_Chem and an Ensemble Kalman Filter, Georg Grell, NOAA, USA
15:00-15:20	Real-Time Air Quality Forecasting for the Oil Sands Measurement Intensive, Craig Stroud, Environment Canada, Canada.
15:20-15:40	Air quality forecasting in European Polluted Cities, Alessio D'Allura, Aria-Net, Italy
15:40-16:10	<i>Coffee Break and Poster Session. Break room.</i>
16:10-17:30	Breakout sessions.
17:30-18:30	<i>Inaugural Cocktail.</i>