

**SECOND JOINT ESA/EUMETSAT/ECMWF TRAINING COURSE ON ATMOSPHERIC COMPOSITION**  
**Integrating data for air quality applications**  
**Preliminary program**

		Monday, Nov 16	Tuesday, Nov 17	Wednesday, Nov 18	Thursday, Nov 19	Friday, Nov 20
9:45	10:00	Introduction and Objectives of the Course				
10:00	10:55	Satellite Instruments	Satellite Applications (1)	Data Assimilation Applications	Remote Sensing Instruments, Calibration and Validation	Introduction to Workflow
11:00	11:55	In-situ Networks	Atmospheric Models	Satellite Applications (2)	Regional Model Applications	Workflow Implementation (1). Participants make use of multiple datasets to develop an application (in groups)
12:00	12:45	Q&A - moderated	Q&A - moderated	Q&A - moderated	Q&A - moderated	
Lunch						
14:00	14:30	Virtual Coffee and Ice-breaker	Handling Data (1)	Handling Data (2)	Handling Data (3)	Workflow Implementation (2). Participants make use of multiple datasets to develop an application (in groups)
14:30	16:00	Splinter group discussion on basics of air pollution, remote sensing principles, algorithms and application development.	Discover satellite, groundbased and model data step-by step. The participants works in groups in separate rooms.	Discover satellite, groundbased and model data step-by step. The participants works in groups in separate rooms.	Gather data and prepare your Workflow (in groups)	
16:00	16:30	Open Discussion Corner	Open Discussion Corner	Open Discussion Corner	Open Discussion Corner	

Frontal Lectures
Open discussion
Data Discovery
Workflows