



# POGEQA

Plateforme d'Observation GEostationnaire pour la Qualité de l'Air  
*Observing Air Quality from the Geostationary Orbit*

## ***First project meeting, 4-6 November 2009, Toulouse***

### **Wednesday 4/11/2009**

14h00-14h15: Welcome

14h15-14h45: The POGEQA project (V.-H. Peuch, CNRM-GAME, France)

14h45-15h15: First POGEQA results (J.-L. Attié and M. Claeysman, Université Toulouse and CNRM-GAME, France)

15h15-15h45: Steps towards radiance assimilation (T. von Clarmann, IMK, Germany)

15h45-16h15: Tropospheric ozone from IASI and applications (G. Dufour, LISA, France)

*16h15-16h45: Coffee break*

16h45-17h15: Geophysical data requirements derived correlation analysis of high resolution model output: A comparison between different models. (R. Ménard, Env. Canada, Canada)

17h15-17h45: Satellite data assimilation for chemistry transport modelling (H. Elbern, University Köln, Germany)

17h45-18h15: Assessing additions to the future observing system: the role of OSSEs (W. Lahoz, NILU, Norway)

*18h30: Cocktail dinner*

*20h00: Shuttle bus to downtown Toulouse*



## Thursday 5/11/2009

*08h30: Shuttle bus from downtown Toulouse*

9h30-10h00: Infrared Atmospheric Sounding at IMK Karlsruhe: from MIPAS to 2D Fourier-transform spectrometer (J. Orphal, IMK, Germany)

10h00-10h30: The NASA GEO-CAPE mission: Defining measurement requirements (D.P. Edwards, NCAR, US)

*10h30-11h00: coffee break*

11h00-11h30: Retrievals of tropospheric O<sub>3</sub>, NO<sub>2</sub>, SO<sub>2</sub>, HCHO, and CHOCHO: Toward continuous pollution monitoring from geostationary orbit (K. Chance, Harvard Smithsonian, US)

11h30-12h00: Air Quality monitoring from Space, from science needs to industrial concept (R. Cantié, DAS "Terre Vivante et Espace")

12h00-12h45: Synthesis and general discussion (chair : J.-M. Flaud, LISA, France)

*12h45-14h15: lunch*

14h15-14h30: Presentation of afternoon split sessions objectives

14h30-16h15: Split sessions on POGÉQA work plan and priorities

Split session #1: Requirements, instrument concepts and OSSEs (POGÉQA Activities 2)

Split session #2: Data assimilation activities (POGÉQA Activities 1 and 3)

*16h15-16h45: coffee break*

16h45-18h30: Split sessions, 1 on the instrument concepts and OSSEs, 1 on data assimilation activities

*18h45: Shuttle bus to downtown Toulouse*

*20h00: Workshop dinner*



## Friday 6/11/2009

*08h30: Shuttle bus from downtown Toulouse*

09h15-09h30: General information

09h30-10h15: Synthesis and discussion on split session #1

*10h15-10h45: Coffee break*

10h45-11h30: Synthesis and discussion on split session #2

11h30-12h45: Discussion on the programmatic context, as well as on current national and international initiatives

*12h45: Lunch*

