



## Schedule of Meeting

- 11:00-11:15: Intro and logistics (JLJ)
- CSIC results and plans for further analysis
  - 11:15-11:35: Marco Pandolfi (CSIC): Overview of DAURE Winter & Summer, Mean Meteorological Conditions & Scenarios, PM levels & their Variability, PM Chemical Speciation, Intercomparison filters vs AMS (MSY & BCN)
  - 11:35-11:50: Cristina Reche (CSIC): Diurnal cycles for BC, number, PM chemistry (BCN)
  - 11:50-12:05: Michael Cusack (CSIC): Diurnal cycles for BC, number, PM chemistry (MSY)
- 12:05-12:15: Michel Sicard: UPC results and plans for further analysis (Password)
- 12:15-12:35: Claudia Mohr (maybe remotely): PSI results and plans for further analysis
- 12:35-12:45: X Querol (for MC Minguillon): 14C results
- 12:45-1:45: Lunch
- 1:45-2:00: Roger Seco: CREAM results and plans for further analysis
- 2:00-2:15: BSC results and plans for further analysis (TBD)
- 2:15-2:40: Discussion of next steps (JLJ)

## Logistical issues

- Posting of presentations?
  - OK to have password protection (will send p to list)
- Updating of data status on Google Spreadsheet
- Logistics for meeting at EGU
  - **Abstract deadline is 18-January-2009**
  - Depending on EGU program
  - Maybe do Sunday or Monday
  - Room for meeting? Contacts at University of Vienna?
- Updating master plots & data merges
  - Will try to do once data are final
  - Gases and meteorology for both sites
- Presentation of results
  - Please let us know (post) DAURE abstracts and presentations (examples)
  - List of papers on web, send updates to Jose
  - Reminder of data policy
  - Special issue in ACPD?
- Any other items for discussion?

## Data and Publication Policies

- Data policy
  - **Can't use data from other groups in presentations w/o asking the data owners first**
  - **Authorship needs to be offered to anyone whose data you use in a paper (can be accepted or declined by the data producers)**
    - Important that everyone respects that, otherwise very bad blood can be generated
- Deadline for final data submission?
  - We had agreed on: 1-Nov-2009
  - **What's a realistic date? 1-Apr-2010**
- Data publicly available (web) in 2 years?
  - Tentatively agree on 1-April 2011
    - Will be revisited closer to that date
    - We need a public data policy: involve investigators
- **Publication Policy**
  - **Adopt the following from the AMAZE campaign**
    - All papers are shared with campaign participants before submission
      - » Send to Jose & Xavier, who will alert the email list that the draft paper can be downloaded from the SFTP site (w/ password)

## Tentative List of Journal Papers w/ DAURE data

- Papers being written as of Jan-2010:
  - 1. Marco Pandolfi et al. (CSIC): "Sources and Origin of PM in the Western Mediterranean Basin: an Overview of the DAURE Campaign"
  - 2. Oriol Jorba et al. (BSC): meteorological overview of DAURE (Feb 2010)
  - 3. Esther Coz et al. (CIEMAT): Quantitative morphology and state of mixture of atmospheric carbonaceous aggregates from Barcelona during DAURE winter campaign.
- Papers that will be written for sure
  - 4. Claudia Mohr et al.: "Investigation of Ambient Submicron Aerosol in the Barcelona Metropolitan Area using AMS Mobile and Stationary Data" (will be written in Summer 2010)
- Tentative papers, pending further analysis:
  - 5. Marco Pandolfi et al.: Partitioning of NH<sub>3</sub> and HNO<sub>3</sub> w model
  - 6. TBD CSIC & PSI: DRUM-XRF vs Filter-ICPMS results
  - 7. Agnes Richard: possible paper on DRUM-XRF (maybe combined w other campaigns)
  - 8. Mar Viana et al.: Comparison of tracers for biomass burning
  - 9. Lanz et al.: paper comparing PMF analysis across EUCARII-EMEP
  - 10. Mari Cruz Minguillon: 14C results compared with other measurements
  - 11. Amber Ortega (Colorado): PAM-AMS paper (together with other upcoming campaigns)
  - 12. Sicard et al. (UPC): Correlation between ground PM measurements & PBL height, synoptic situations. Ground vs columnar size distribution from AERONET & LIDAR
  - 13. Plaza et al. (CIEMAT): Size-segregated Inorganic aerosols in BCN during DAURE winter campaign.
  - 14. Coz et al. (CIEMAT): Diurnal cycle and associated individual characteristics of mineral dust, metal bearing and primary biogenic aerosol particles at Barcelona during DAURE winter campaign.
  - 15. Model evaluation paper using DAURE data (including mobile results) (maybe break up)
- Other papers proposed in March 2009, pending update of current status
  - 16. Innsbruck: One paper TBD
  - 17. CREAM, Joan Llusia & Yolanda Fillela: Winter biogenic emissions rates vs air concentrations
  - 18. CREAM, Roger & Simon et al.: Aerosol vs organics vs O<sub>3</sub> at MSY
  - 19. CREAM, Roger: VOCs in urban environment
  - 20. Aerodyne, Sally Ng: demonstration paper on mini-AMS (DAURE, or maybe also Houston)

## List of Scientific Questions

- Questions we started with
  - Influence of biomass burning?
  - Contribution of fossil vs modern carbon?
  - Why such high fine PM at MSY?
    - Just advection or advection + production?
- New ones
  - Applicability of the "delta" model? (important for epidemiologists)
  - Why is there a difference in SIA btw BCN & MSY? (NO<sub>2</sub> from diesel? Urban NH<sub>3</sub>?)
  - Peak in particle number (fine mass?) at noon?