

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

Metier Research school on Remote sensing and the atmosphere

Dr. Frank Dentener
 Climate Change Unit
 Institute for Environment and Sustainability
 Joint Research Centre
 European Commission

ies

Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

PEER Network organizes 6 Research schools on aspects of remote sensing.

- This is the first one: we were able to sponsor ca. 25 Ph.D./beginning post-docs to follow this course.
- We have ca. 5 other participants participating on their own cost
- ca. 10 JRC people
- At the end you'll get a certificate of participation
- You will need to fill out a questionnaire

ies

Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

Lectures comprise a fair amount of the basics of retrieving atmospheric pollution and show their connections to modeling

Reactive trace gases- aerosol- land surface characterization

Data assimilation and inverse modeling

Computer exercises

Short presentations and posters on Friday afternoon (will collect your names)

ies

Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

Logistics:

- All lectures are in Casa Don Guanella.
- Computer exercises in course rooms at JRC site: we will make 3 groups; 2 persons per computer
- Visit to EMEP station; vehicle testing laboratory and GEM.
- You get a day permit at JRC Entrance (bring your ID card/passport)
- Feel free to walk ca. 1 km (bad weather, we'll get a minibus)
- Lectures from 9-12 and 14-18 hours

ies

Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

Lecturers are:

Prof. John Burrows, University of Bremen
 Prof. Maarten Krol, University of Utrecht/Wageningen/SRON, the Netherlands
 Prof. Didier Tanre, Laboratoire d' Aerologie (LOA), Lille, France
 Dr. Mike Fisher, European Center for Medium Range Weather Forecasting (ECMWF) UK.

Internal lecturers of the Institute of Environment and Sustainability, JRC, Ispra.

Dr. Frank Raes, Climate Change Unit
 Dr. Frank Dentener, Climate Change Unit
 Dr. Peter Bergamaschi, Climate Change Unit
 Dr. Cesar Carmona-Moreno, Global Environmental Monitoring Unit
 Dr. Alan Belward, Global Environmental Monitoring Unit
 Dr. Michel Verstraete, Global Environmental Monitoring Unit

ies

Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

JRC Entrance

Will provide maps for the JRC

Casa Don Guanella

ies

Remote Sensing Atmosphere FRAI

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

Social Program:

Sunday Ice Breaker
 Tuesday diner in Agriturismo
 Wednesday pizza in Laveno (need JRC volunteers to drive)
 Thursday BBQ

ies

Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
 Joint Research Centre

Joint Research Centre

Re-imbusement:

Return ASAP all documents **completely** filled out
 Boarding pass slips
 Mrs. Rizzi will assist and let you also know the times of the taxi

ies

Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
Joint Research Centre

Joint Research Centre

Enjoy your time
Interactive participation is the best
Give your feedback

ies
Remote Sensing Atmosphere FRANK DENTENER

EUROPEAN COMMISSION
RESEARCH AND INNOVATION
Joint Research Centre

Joint Research Centre

On-line evaluation of the course.
<http://webgate.ec.eu.int/sesam/projectIdentification.do?prepare=true>
In the navigation you will find an item "Marie Curie Questionnaires".
Click this. Then specify "Marie Curie Action", "SCF", ID 029962".

ies
Remote Sensing Atmosphere FRANK DENTENER