



**The Abdus Salam  
International Centre for Theoretical Physics**



**2339-Handouts**

**Workshop on Atmospheric Deposition: Processes and Environmental Impacts**

*21 - 25 May 2012*

**INTRODUCTION**

# Workshop on atmospheric deposition processes and environmental impacts

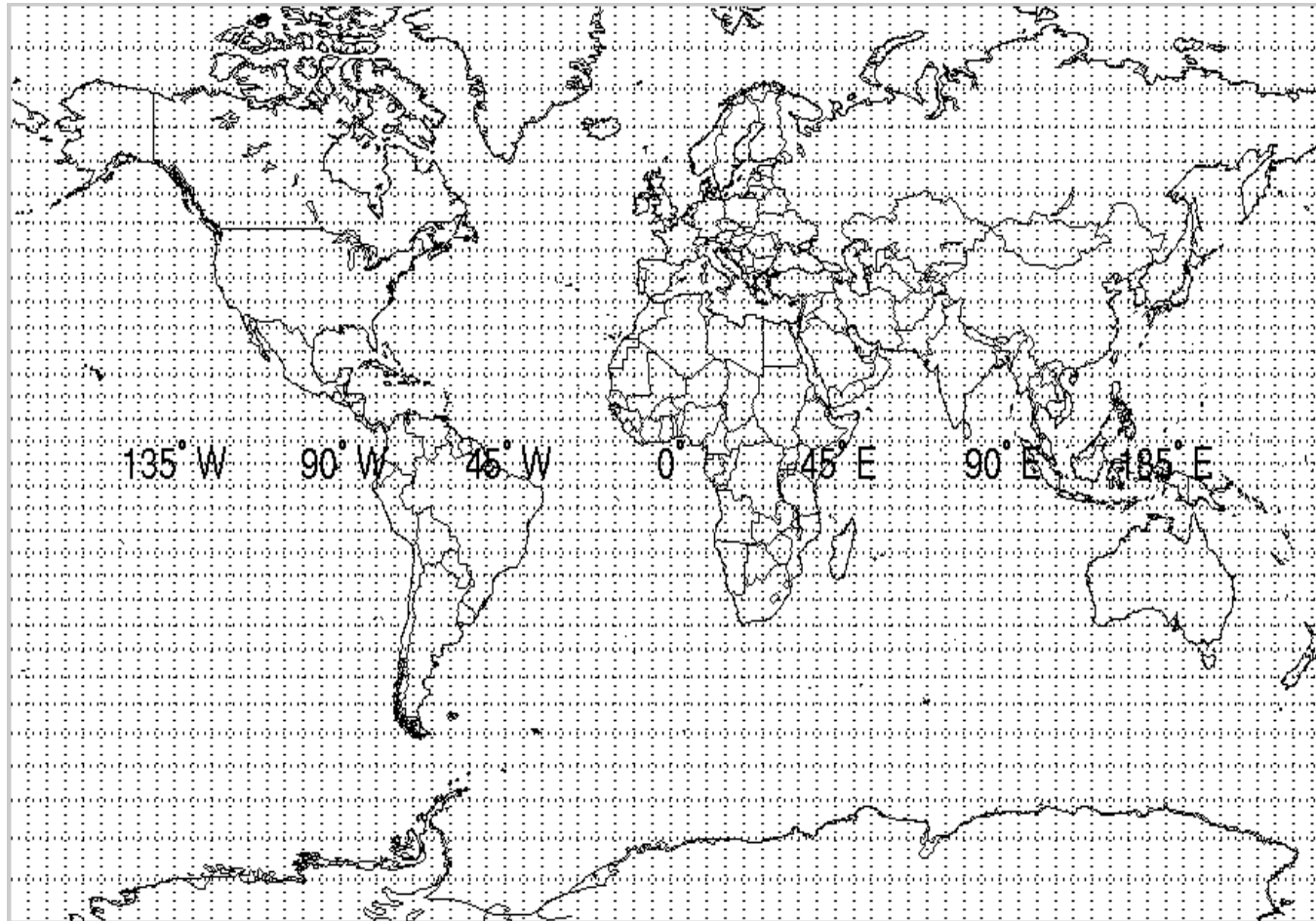
F.Solmon (ICTP)  
C. Galy-Lacaux (CNRS LA)  
F. Dentener (JRC Ispra)



International Union of Geodesy and Geophysics  
Union Géodésique et Géophysique Internationale



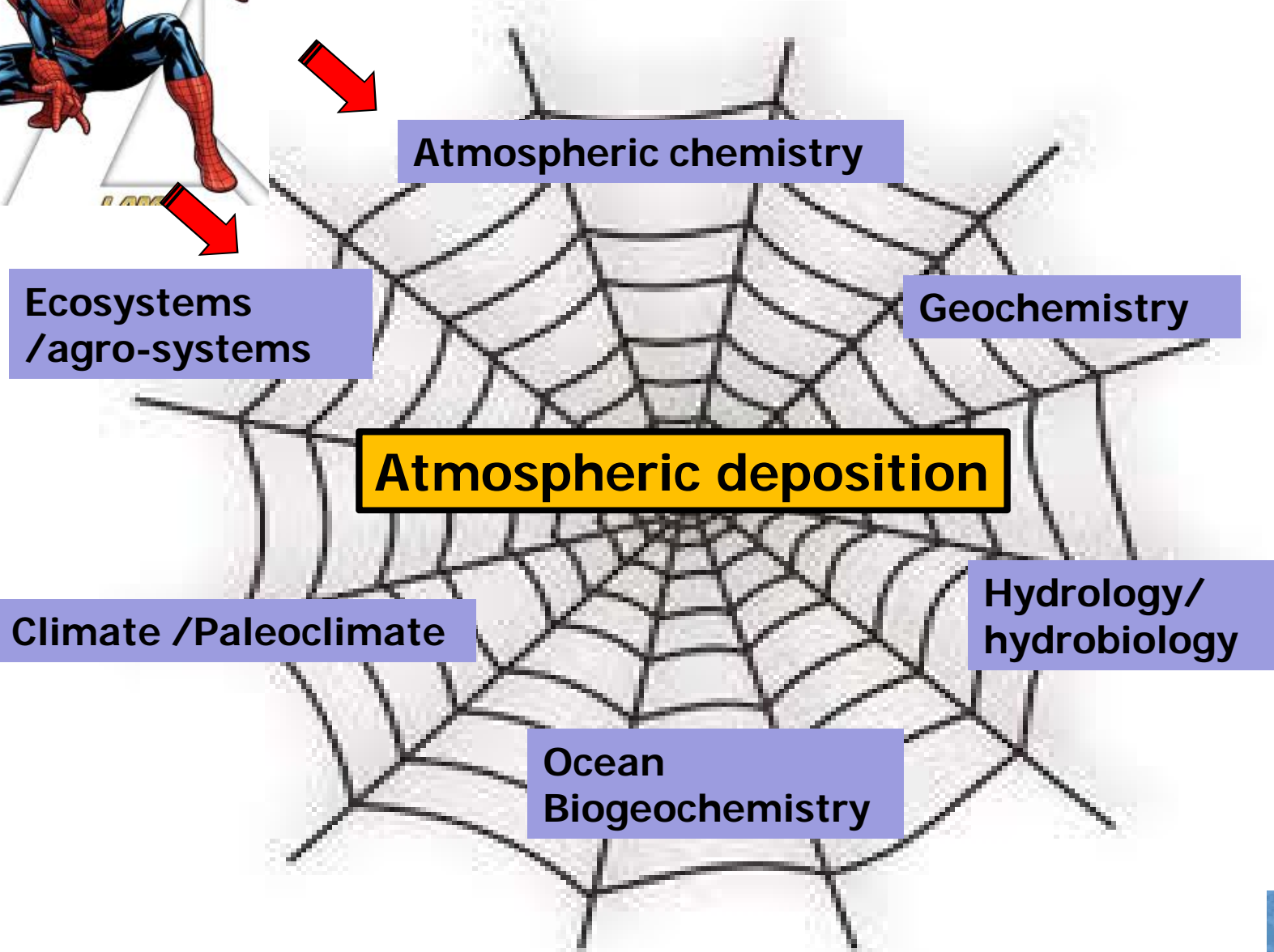
## Participants statistics



- Armenia 1
- Bangladesh 1
- Benin 1
- Brazil 1
- Cameroon 2
- Cuba 2
- Ethiopia 1
- France 2
- Ghana 2
- India 5
- Indonesia 2
- Italy 5
- Ivory Coast 2
- Morocco 1
- Nigeria 5
- Pakistan 2
- Thailand 1
- Tunisia 1
- Turkey 1
- Serbia 2
- South Africa 1
- Uzbekistan 1



## Anthropogenic pressures



# Goal of the workshop:

- Get an overview of important deposition processes (experimental and modeling aspects)
- Discuss some specific studies (processes and impact)
- Give an opportunity of exchange : take advantage of small group and long coffee breaks !

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# A couple of points about the week schedule :

- Themes
- Participant presentations
- Posters
- Reception

Lab session : 



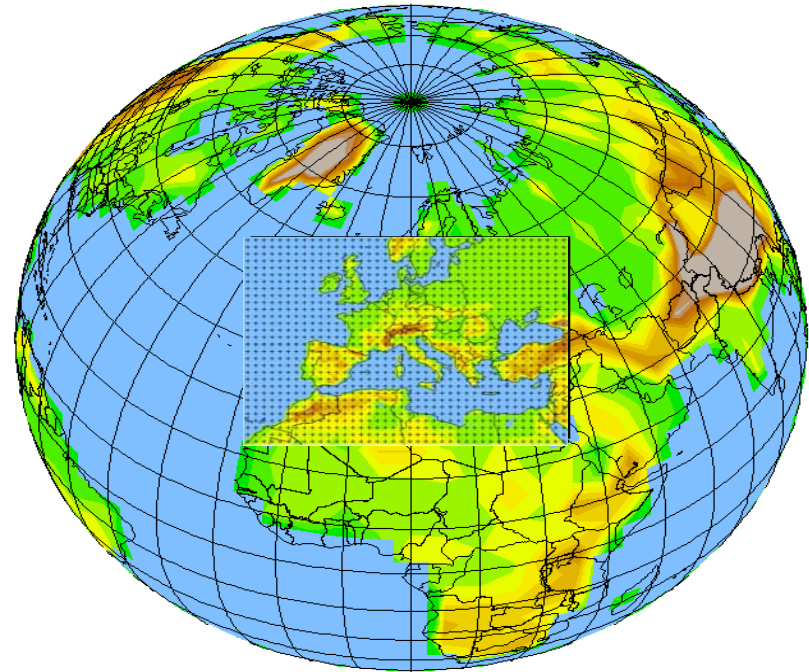
## ICTP Regional Climate Model : RegCM

High resolution limited area models adapted to climatic simulations.

Forced by analysis or GCM outputs.

*Giorgi et al., 2012.*

**RegCNET**



## Interest for atmospheric deposition ? :

- Generate regional climatic data for your studies
- Deposition modelling (aerosol /gas) as part of the atmospheric chemistry module