

# Measuring and Understanding Passive Microwave Signals above Land Surfaces: A Comparison Study of Different Field Experiments

EGU, 27 April 2005, Vienna

## Objectives:

- To give an overview of the field experiments of passive microwave radiometry
- Soil moisture retrieval methodologies, vegetation and temperature studies, roughness effects

## Schedule:

- 14:05-14:20 R. de Jeu Overview of passive Microwave experiments
- 14:20-14:40 P. de Rosnay SMOSREX
- 14:40-15:00 M. Schwank ELBARA
- 15:00-15:15 Coffee break
- 15:15-15:40 NAFE C. Rüdiger
- 15:40-17:00 Discussion

## Questions to address:

- What kind of results do we expect from our experiments
- Do the different experiments give similar results
- What strategy for future experiments
  - What can we do with LEWIS and ELBARA in the near future
  - Ideas for relevant experiments (field and airborne)
  - Overview of some SMOS cal-val proposals