



# FRINGE 2009 WORKSHOP

Advances in the Science and Applications of SAR Interferometry

## PSI - Session

- 1) What are the main technological issues of PSI that still deserve research efforts? Atmospheric artefacts? Nonlinear movements? Phase unwrapping? Other? Are there novel interesting developments?
- 2) Can we take advantage of ancillary data such as GPS, MERIS, or global models like the MM5 to significantly reduce the atmospheric impact and improve the quality of the PSI results?
- 3) What are the new opportunities for PSI offered by the new generation satellites, and what the main limitations to the use of these data?
- 4) Do the new high resolution data allow or need novel technological developments?
- 5) What can be the impact of polarimetric data on PSI applications?
- 6) What is the importance for PSI of characteristics not fully compatible, such as high resolution, frequent revisit time, large area coverage, etc? Are background missions necessary to make available in advance stacks of acquisitions, and which of previous needs should be favored? Which should be privileged in future mission?