



FRINGE 2009 WORKSHOP

Advances in the Science and Applications of SAR Interferometry

DInSAR - Session

- 1) Which is the present status of the DInSAR technology developments for what concerns its key limitations such as phase unwrapping errors, residual atmospheric and orbital phase artefacts, etc.?
- 2) Is there a large consensus on the expected accuracy of the deformation estimates retrieved through DInSAR techniques, particularly for what attains PSI approaches ?
- 3) Does the previous question have an answer independently from the investigated deformation scenario?
- 4) How the DInSAR technology may fully benefit of the proliferation of SAR sensors (with different polarizations, frequencies and resolutions) and of the already available very large data archives?
- 5) What can we do in order to try to maintain a temporal continuity with the unique archive of ERS and ENVISAT acquisitions? Is there any chance for an interferometric use of ENVISAT after October 2010 ?
- 6) Can we identify an operation mode for spaceborne sensors (ScanSAR, TOPS, etc.) to become the background mode of data acquisition for surveillance purposes?
- 7) How can we get ready for the new acquisition modes, like TOPS? There will be some free data to adapt the interferometric chains?