



## **ITRF2014 status, data analysis and results**

Zuheir Altamimi (1), Xavier Collilieux (2), Paul Rebischung (1), and Laurent Metivier (1)

(1) IGN France, LAREG - Université Paris Diderot, Paris Cedex 13, France (zuheir.altamimi@ign.fr), (2) IGN France, SGN, 73 Avenue de Paris, 94165 Saint-MANDé, France (xavier.collilieux@ign.fr)

This paper will address key questions regarding the ITRF2014 elaboration: frame specifications (origin, scale, orientation and their time evolution) and how they will relate to ITRF2008; non-linear station motions (seasonal signals and post seismic deformations) and how they will be modeled; local ties and station co-motions and how they will be weighted, taking into account technique discrepancies at co-location sites. A particular emphasis will be given to assess the stability of origins and scales over the entire observation history of the four techniques and how they compare to each other. Final or early results of ITRF2014 will be discussed.