Update on activities in the Low Frequency Consortium – July 2015

- **Collaboration with the University of Houston:** – Our PhD student, Sayyid Suhail Ahmad, is back at UiS after spending the spring semester at the University of Houston, taking courses from and working under Gennady Goloshubin, John Castagna and others. During this time Sayyid Suhail has been investigating different prestack processing strategies to give improved definition of low-frequency anomalies, including frequency-dependent velocity analysis and dependence on range of angles (or offsets) in the prestack gathers. Two MSc students under Prof. Goloshubin's supervision successfully completed their theses during this time, one on frequency-dependent amplitude analysis (Privalova, 2015) and one on application of a fluid-mobility attribute for permeability prognosis (Rusakov, 2015).
- **Collaboration with our French colleagues:** – Our collaborators in Avignon and Marseille have begun numerical modelling trials in communication with others in the project group, notably Prof. Goloshubin, regarding the choice of model parameters. One of these collaborators, Arnaud Mesgouez, has been granted a sabbatical term by the University of Avignon, starting in January 2016. During some of this time he will be in residence at UiS as a visiting researcher.
- **Collaboration with our German colleague:** – Our collaborator in Berlin, Bettina Albers, has obtained a permanent university position at the University of Duisburg-Essen, Institute of Geotechnical Engineering. She will be moving over to start there on the 1st of October.
- **Post-doctoral researcher for LFP at UiS:** – We advertised this spring for a post-doctoral researcher for the Low Frequency Project. After the deadline we had 14 applications with a wide range of qualifications, 5 of these having a PhD and 3 of them looking particularly well qualified. The selection committee, to be chaired by Alejandro Escalona, will compile a short ranking of the top candidates later this month.
- **Bliography of 'low-frequency' literature:** – This bibliography of 'low-frequency' literature using EndNote is in progress and will soon be uploaded to our website.