

IUMA day on Porous Media and Applications in Geomechanics
Zaragoza, July 21st 2014

PROGRAMME

09:30-10:00 Jan Martin Nordbotten

“Finite volume methods for linear elasticity and the Biot equations”

10:00-10:30 Carmen Rodrigo

“Stable discretizations for the Biot consolidation model”

10:30-11:00 Florin Adrian Radu

“Simulation of reactive transport in porous media by mixed finite elements”

11:00-11:30 Coffee break

11:30-12:00 Peiyao Luo

“Numerical simulation on rock failure process”

12:00-12:30 Eirik Keilegavlen

“Inexact linear solvers for control volume discretizations”

12:30-13:00 Carmen Rodrigo

“Multigrid solution of the poroelasticity problem”
