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GEOSCOPE applications on the EGEE Grid

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The French worldwide network of digital seismological stations GEOSCOPE has collected during the past 20 years hundreds GB of seismological data. Two main applications have been running over the last year to determine the earthquake source and mechanisms, and the seismic noise in the seismic data. Those results point out the interest of the Grid to obtain results in a relatively short time. Those applications allowed to register the dataset in EGEE catalogues for a more convenient and scalable access for future applications.