

PhD Opportunities in Waveform Inversion: Institut de Physique du Globe de Paris (IPGP) in partnership with the University of Cambridge (UC) and University of California San Diego (UCSD) has funding for three years to support three PhD students in the following areas:

1. Development of three-dimensional elastic full waveform inversion at jointly IPGP and UC
2. Development of joint seismic waveform and control source marine electromagnetic data jointly at IPGP and UCSD
3. Application of full visco-elastic waveform inversion to permanent four component ocean bottom cable data in the time-lapse mode jointly at UC and IPGP.

The students will be registered either at the IPGP or UC and are likely spend up to 50% of their time at the partner institutions. The Ph.D. in France and UK is for three years. The students will receive stipend matching to the French Ministry of Research, UK NERC or UCSD studentship, depending upon the place of work, and the tuition fees at the home institution. Students with interest in quantitative seismology are encouraged to apply. Background in mathematics, physics and computing would be an asset. Send curriculum vitae with the names of two referees and a letter of intent to Ms Magali Picone, Laboratoire de Geosciences Marines, IPG Paris, 4 Place Jussieu, 75252 Paris, France (picone@ipgp.jussieu.fr). For more information, contact either Professor Satish Singh (singh@ipgp.jussieu.fr, Tel: + 33 1 44279967), or Dr. Penny Barton (pb29@cam.ac.uk, Tel:+44 1223 337178), or Professor Steve Constable (sconstable@ucsd.edu; Tel: + 1 858 5342409).