



Institut d'Études Scientifiques de Cargèse

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PASSIVE IMAGING & MONITORING **IN WAVE PHYSICS:** **from seismology to ultrasound**



June 5th - June 9th, 2017

Scientific committee:

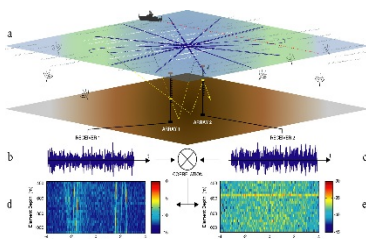
Michel Campillo (Grenoble), Nicolas Shapiro (Paris), Mathias Fink (Paris), W.A. Kuperman (San Diego), C. Thomas (Munster), Rob Van Der Hilst (Cambridge), Haruo Sato (Sendai), H. Pedersen (Grenoble), A. Malcolm (St John)

Organizing Committee:

Philippe Roux, Florent Brenguier

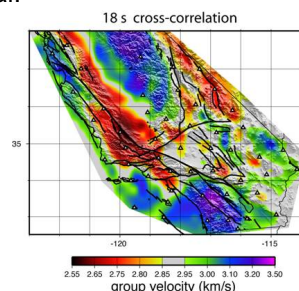
Scope of the workshop

Passive imaging consists of the cross-correlation of wavefields recorded at two points in order to converge to the GF of the medium, including all reflection, scattering and propagation modes. Various experimental, numerical and theoretical approaches have been developed to demonstrate passive imaging and to define more precisely under which assumption it is valid. The goal of the school is to gather young scientists (graduate students, post-docs) and senior scientists working in the field of ambient noise imaging through a multidisciplinary approach including geophysics, underwater acoustics, ultrasonics and wave physics in general.



Main Topics:
acoustics and elastic waves,
seismology,
seismic exploration,
oceanography

Online application: before Feb 1st 2017



For further information, please contact us via E-mail: **cargese2017@gmail.com**

L'I.E.S.C. est affilié au Centre National de la Recherche Scientifique et aux Universités de Corse et Nice-Sophia Antipolis. Il est subventionné par le MENESR, le CNRS et la CTC.

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