Workshop on elastic waves in heterogeneous media

Col de Porte
14-15 janvier 2010

PROGRAM

Wednesday, January 13th
20.00 Dinner at restaurant La Girole, Grenoble

Thursday, January 14th
8.50 Departure to Col de Porte by bus from Gare routière
9.30 Installation in Hôtel Cartusia

1st session (chair: V. Rossetto)
10.00 Ludovic Margerin  Radiative transfer of elastic waves

11.00 Coffee break

11.15 Stefan Catheline  Ultrafast methods for elastography

12.00 Christoph Sens-Schönfelder  The influence of laterally variable heterogeneity on the propagation of LG-waves in the Pyrénées

12.30 Lunch
14.00 Walk (depending on the weather)
16.00 Coffee break

2nd session (chair: L. Margerin)
16.30 Vincent Rossetto  Polarization, multiple scattering and Berry phases

17.30 Nicolas le Bihan  Point processes for the study of multiple scattering signals

18.30 Discussion

19.30 Apéritif
20.00 Dinner (fondue savoyarde)
**Friday, January 15th**

8.00 *Breakfast*

**3rd session** (chair: N. Le Bihan)

9.00 Mikaël Carmona *Micro/nano systèmes enfouis pour le contrôle de structures de génie civil, traitement des signaux issus du réseau dense*

10.00 Éric Larose *Locating small changes with diffuse waves*

11.00 *Coffee break*

**11.30** John Page *Anderson localization of ultrasound*

12.30 *Lunch*

**4th session: Workshop on correlations**

14.00 Yves Colin de Verdière *Régime semi-classique pour le calcul des corrélations*

16.30 *Departure to Grenoble*
Hôtel Gloria : 12, rue Aristide Bergès
04 76 46 12 93

Restaurant la Girole : 15, rue du Docteur Mazet
04 76 43 09 70
Dinner on Wednesday 13th at 20.00

Departure from gare routière on Thursday 14th at 9.00
Hôtel Cartusia, col de Porte, Sarcenas
04 76 88 83 18