



**Villages Vacances
CAES du CNRS
La Vieille Perrotine
140, route des Allards
17310 Saint Pierre d'Oléron**



16th March 2012
Deadline for submission of one-page
Summary and for expressing
an interest in participating

2nd April 2012
Deadline for registration



GDR 2501




**CENTRE NATIONAL
DE LA RECHERCHE
SCIENTIFIQUE**

**SEVENTH MEETING
OF THE GDR**

**Wave Propagation in
Complex Media
for Quantitative and
Non Destructive Evaluation**

**Saint Pierre d'Oléron
« La Vieille Perrotine »
20th – 25th May 2012**

Please keep an eye on the page
<http://www.lmp.u-bordeaux1.fr/gdr2501/>
for updates and practical information.



The Research Network ("Groupement de Recherche") GDR 2501 is studying Ultrasonic propagation in non-homogeneous media for non-destructive control; it brings together researchers of various backgrounds, from applied mathematics to experimental physics.

The GDR 2501 was created in January 2002.

In January 2006, it became a Franco-British research network, made of 32 Departments and Laboratories (16 in France, 16 in the UK), and several industrial actors. Its topics of research have evolved over the years; currently they are:

- . adhesion,
- . propagation in composites,
- . guided waves,
- . contact or damage non-linearities in acoustics,
- . inverse problems and imaging,
- . structural noise.

The GDR has regularly organized large scale conferences, which have led to strong ties and collaborations between the teams involved. In this spirit, the organizers of the up-coming Anglet Colloquium express the strong wish that all presentations become available to all participants.

Indeed, the GDR develops and emphasizes teachings, explanations, and collaborations among its various communities.

This seventh GDR 2501 conference will propose oral presentations and posters, on all topics of interest to the GDR.

Authors wishing to present a talk or a poster must provide a one page summary beforehand. The summaries will be collected and handed out to all participants upon arrival at the conference.

There is a **10 page limit** on the final form of the full articles. These will be collected and published by Springer in their Series on Wave Propagation. All authors must provide 3 copies of their full-length articles upon their arrival at the conference. One copy will be kept by the GDR and the two others will be peer-reviewed and discussed during the conference, thus speeding up the publishing process.

*Experiments, applied mathematics,
numerics, and physical acoustics*

applied to

*Non-destructive control in civil engineering,
medicine, aeronautics, nuclear industry,
and automotive industry.*