



# European Research Network



**CENTRE NATIONAL  
DE LA RECHERCHE  
SCIENTIFIQUE**

**University of Wales,  
Gregynog -Tregynon  
Nr Newtown Powys  
SY16 3PW**

**EIGHTH GDR  
CONFERENCE**



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

**28<sup>th</sup> March 2014**  
Deadline for submission of three-pages  
Summary and for expressing  
an interest in participating

**25<sup>th</sup> April 2014**  
Deadline for registration

Please keep an eye on the page  
<http://www.gdre-us.cnrs-mrs.fr/>  
for updates and practical information.

**Gregynog  
University of Wales  
22<sup>nd</sup> - 27<sup>th</sup> June 2014**

A CNRS research network (GDR 2501) has been running in France for ten years, in cooperation with English researchers for the last four years. It linked groups of academics and researchers in Ultrasonic Wave Phenomena with each other, and with industrial research centres and companies. The teams involved focused particularly on the theoretical end of the research spectrum, and include mathematicians, physicists and engineers.

The new Network, which is now a European Research Network (GDRE) entitled « Wave Propagation in Complex Media for Quantitative and Non Destructive Evaluation » aims at giving opportunities for interactions between researchers on the occasion of informal meetings, workshops and colloquia, alternatively in France and in the UK.

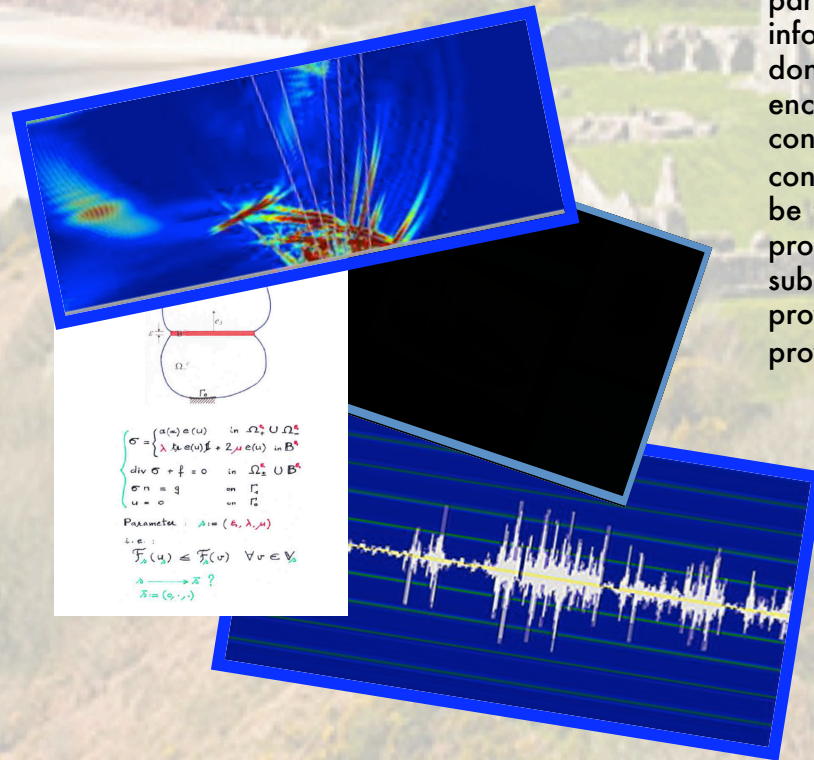
In order to intensify links and collaborations between the teams involved, the organizers of the up-coming Gregynog Colloquium express the strong wish that all the presentations become available to all participants. The topics remain the same as those of the previous Conferences:

- adhesion,
- propagation in composites and thin domains,
- guided waves,
- non-linearities in acoustics,
- inverse problems and imaging,
- structural noise.

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

*applied to*

*Quantitative and Non Destructive Evaluation in civil engineering, medicine, aeronautics, nuclear industry, and automotive industry.*



This eighth GDR conference will include oral presentations and posters, on all topics of interest to the European Network. Authors wishing to contribute a talk or a poster must provide a title and an extended abstract via the web site beforehand, according to the programme deadlines.

The extended abstract, of about 3 pages, is intended to provide more detailed information than would normally be shown in an abstract, and should be considered as a short paper. The collection of abstracts will be given to participants at the start of the conference. The information, including overview of the work done, results and references, is intended to encourage informed discussion at the conference, as well forming a record of the conference materials for the longer term. This will be the only record, there will not be any written proceedings. The extended abstract must be submitted using a strict template which will be provided on the web site. The template will be provided in both LaTeX and MS Word formats.