



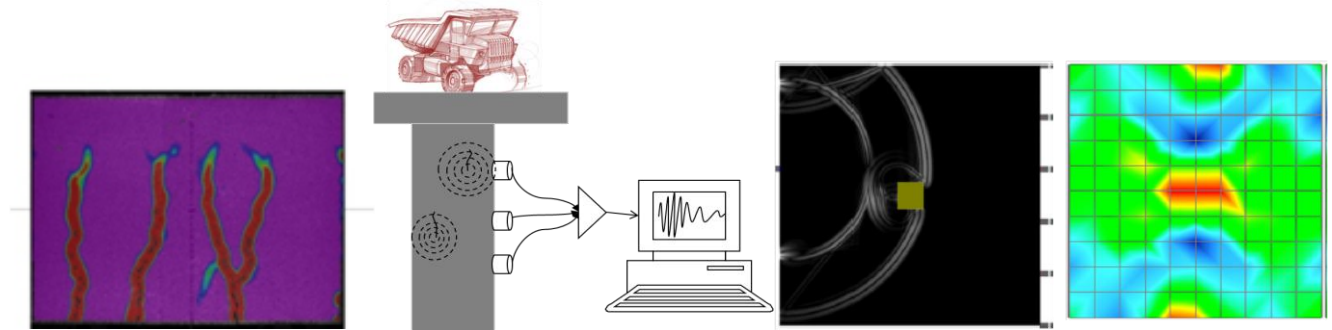
Vrije Universiteit Brussel



6th edition of the International Conference on
**Emerging Technologies in Non-destructive Testing
(ETNDT6)**

Website: www.etndt6.be

Vrije Universiteit Brussel, Belgium, May 27-29, 2015



Invitation

The organizing committee has the pleasure to invite you to the 6th International Conference on Emerging Technologies in NDT to be held on May 27-29, 2015 in Brussels, Belgium. This series of conferences was initiated in 1995 in Patras, Greece, followed by the organization in Athens 1999, Thessaloniki 2003, Stuttgart 2007 and Ioannina 2011. The aim of the conference is to bring together researchers from academia and industry for exchanging ideas, latest achievements and for establishing new collaborations in view of the increasing need for reliable nondestructive testing and structural health monitoring in all engineering fields. The program includes special sessions organized by leading experts, plenary and keynote lectures, technical papers and poster sessions. Suggestions for other topics are welcome and can be forwarded to the organizers. We are looking forward to meeting you in Brussels for an exciting 6th ETNDT.

Call for papers

Participants are invited to submit one page abstract including author(s) name and affiliation. The abstract should be emailed to the conference secretariat before **December 1st, 2014**. Presentations can be either oral or as a poster, depending on the suggestions of the reviewers and the decision of the scientific committee.

Conference topics include (among others):

- Development in all different NDT techniques
- Advancements in combined use of NDT techniques
- Decision making systems about structural maintenance based on engineering criteria
- Use of modern materials like recycled, nanomodified, textile-reinforced matrices, structural wood and how they respond to usual monitoring techniques
- Numerical simulation as a tool for NDT methods
- Proper design of structures to simplify and aid NDT/SHM
- Wireless monitoring technology and energy harvesting for SHM
- Biomedical applications
- Studies and development of sensor technology for NDT/SHM

Selected papers will be published in a special issue of the journal Construction and Building Materials of Elsevier

The following special sessions will be organized (the list will be updated):

- Acoustic Emission, damage and lifetime prediction of composites, N. Godin, INSA Lyon
- Enhanced elastic theories for NDT, D. Polyzos, University of Patras
- Infra-asset assessment with innovative NDT, T. Shiotani, Kyoto University
- Optical sensors for structural health monitoring, S. Vanlanduit, VUB
- Ultrasonic Structural Health Monitoring, M. Gresil, University of Manchester
- Application of ND/SHM techniques to cultural heritage, A. Saisi, Politecnico di Milano, A. Moropoulou, National Technical University of Athens
- Funding opportunities in the field of NDT and SHM

Conference venue

The conference venue is the campus of the Vrije Universiteit Brussel (VUB), which offers excellent facilities close to the center of Brussels. Brussels is famous for the Grand-Place, the Manneken Pis, Atomium, chocolates and excellent beers. Brussels, capital of Europe, is an exciting and beautiful city to explore.

Organizing committee:

Dimitrios G. Aggelis, Vrije Universiteit Brussel (chairman, daggelis@vub.ac.be)

Danny Van Hemelrijck, Vrije Universiteit Brussel

Steve Vanlanduit, Vrije Universiteit Brussel

Athanasios A. Anastasopoulos, Mistras Group Hellas

Theodore P. Philippidis, University of Patras

Scientific committee

Adams, R. D., University of Bristol, UK

Alver N., Ege University, Turkey

Breyse D., Université de Bordeaux, France

Busse, G., University of Stuttgart, Germany

Chai H-K., Malaya University, Malaysia

Chiang C., Chaoyang University of Technology, Taiwan

Deraemaeker A., ULB, Belgium

Dobmann G., Fraunhofer Institut (IZFP), Germany

Forde M., Edinburgh University, UK

Glorieux C., University of Leuven, Belgium

Godin N., INSA Lyon, France

Gresil M., University of Manchester

Grosse C. U. Technical University of Munich, Germany

Grum J. , University of Ljubljana, Slovenia

Gusev V., University of Le Mans, France

Kazys R., Kaunas University of Technology, Lithuania

Kobayashi Y. Nihon University, Japan

Lacidogna G., Politecnico di Torino, Italy

Mandelis A., University of Toronto, Canada

Matikas T. E., University of Ioannina, Greece

Scientific Committee (continued)

Matsuda H., Tobishima, Japan

Moropoulou A., NTUA, Greece

Ogin S., University of Surrey, UK

Ohtsu M., Kumamoto University, Japan

Ono K., UCLA, USA

Polyzos D., University of Patras, Greece

Popovics J., University of Illinois at Urbana-Champaign, USA

Rizzo P. University of Pittsburgh, USA

Ruiz G., Universidad de Castilla-La Mancha, Spain

Saisi A., Politecnico di Milano, Italy

Schulte K., Technical University of Hamburg, Germany

Shiotani T., Kyoto University, Japan

Shiwa M., NIMS, Japan

Solodov I., University of Stuttgart, Germany

Soutis C., University of Manchester, UK

Van Breugel K., TU Delft, The Netherlands

Van Paepegem W. , Gent University, Belgium

Vantomme J., Royal Military Academy, Belgium

Wevers M., University of Leuven, Belgium

Important dates:

Abstract submission deadline: 1st December 2014

Final manuscript submission: 1st February 2014

Notification of acceptance: 20th December 2014

The proceedings will be published by Taylor & Francis and will be indexed by ISI WoK and Scopus.

Registration fee

The conference fee of €500 per participant will include all conference material, lunches, refreshment breaks and the conference dinner. After January 31st, the registration fee will increase to €600 per person. The student registration fee is €250 per person (not including the conference dinner). Please note that all participants submitting and presenting papers are required to pay the registration fees.

We are looking forward to meeting you in Brussels in May 2015!

Conference secretariat:

Katja Bosman

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