



INDUSTRY WORKSHOP

The SAFEJOINT Industry Workshop is taking place in Athens, Greece on the 3rd and 4th July 2014.

Topics to be covered include:

- ~ Metal to composite joining
- ~ Modelling of dissimilar joints
- ~ NDE of dissimilar joints
- ~ Environmental degradation of dissimilar material joints
- ~ Dissimilar metal joints

The workshop is free to attend and will encourage discussion on industry perspectives and input on the future direction of research in dissimilar material joining.

Over the 2 days, there will be presentations from the SAFEJOINT consortium concerning the research and testing that has been carried out over the 18 months of the project so far and any results. In addition, other FP7 projects will be presenting some of their work in the same field of research.

There will be time allocated specifically for open discussion, with the second day culminating in a general discussion to focus on industry perspectives, needs, comments and input as to how SAFEJOINT can best meet these needs.

Should you be interested in attending, further details of the venue and how to register are on the SAFEJOINT website www.safejoint.net or by emailing belinda.fairbairn@ncl.ac.uk

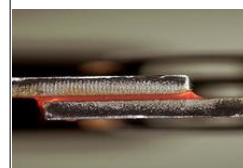
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The Focus on Work Package 2

At the January 2014 SAFEJOINT project meeting in Zaragoza the WP2 Leaders, ITA, lead the presentations for the progress with WP tasks. WP2 concentrates upon “Design and Optimisation”, with the objective of undertaking a detailed study of joint design and optimize the performance of the developed joints under service loads.

The work began in Month 9 and will continue to Month 30, with many of the project partners involved in this WP in some capacity:

- NTUA has been conducting a detailed study into the use of various combinations of parameters within a friction stir welding process to gain the best join possible with minimal heat creation.
- ITA’s experimental testing was underway, using a mix of compatible epoxy adhesives to obtain tailored properties of resulting mixes.
- IFAM’s work is leading towards the testing of commercially available adhesives within different temperature and humidity conditions for resulting stiffness, strength and energy-release rate.
- SICOMP is conducting detailed modelling of damage growth within pre-fabricated joints with a view to future validation tests.
- Working on Task 2.4 “Investigation of NDT techniques for quality control”, KTU is investigating and analysing the possibilities of the development of novel NDT techniques for the estimation of the joint quality.

PROJECT MEETINGS UPDATE

THE SAFEJOINT consortium held its third project meeting in Zaragoza, Spain, hosted by the partner ITA with a factory tour provided by CAF. After the meeting in Portugal in June 2013, the SAFEJOINT partners were keen to meet to discuss the progress in each of the Work Packages.

The first day of the meeting focussed on the activities in WPs 1, 2 and 3 who had been busy preparing samples and testing. A visit to the ITA facility gave the SAFEJOINT team an inside view of the research work being carried out there.

The second day of the meeting focussed on WP4 and WP5 before a visit to the CAF facility on the outskirts of Zaragoza.

Also during the meeting, the forthcoming SAFEJOINT industry workshop was discussed.

The next meeting of the SAFEJOINT project will be in the first week of July 2014 in Athens, hosted by partner NTUA.

This meeting will precede the 2-day, **FREE** Industry Workshop, on 3rd and 4th July at which we hope to see you!



To register for regular newsletters go to: www.safejoint.net

