

**COST Actions FP1004 & FP1101**

**Joint Conference/Workshop**

**October 2012**

**Venue: Wroclow, Poland**

**DAY 1:**

Plenary meeting of FP1004 WG1, WG2, WG3 and FP1101 WG2 (Reinforcement)

09:00 - 9.15 **Welcome/Introduction** Richard Harris / Annette Harte/Roberto Tomasi – Introduction to the seminar

**Session 1 – The state of practise in the reinforcement of timber structures –the industry perspective**

09:15-09:45 Norway: Harald Liven – The use of bonded rods in Norway

09.45-10.15 UK: Dave Smedley Rotafix – FRP, adhesives, standards, installation

10:15-10:45 Switzerland – Christian Lehringer - Adhesives (PUR), bond line thickness

**10.45-11.30 Coffee**

**Session 2 – Design methods and their background**

11.30-12.00 Sweden Carl-Johan Johansson, SP *GIROD project*

12:00 – 12:30 Germany - Bohumil Kasal - overview of the US/German prospective- from the research prospective

12:30 – 13:00 Italy – Roberto Tomasi - research into glued-in rods at University of Trento

**13:00 – 14:00 Lunch**

**Session 3 – Use in conservation**

14.00-14.30 Portugal – Helena Cruz - GIROD and LICONS projects – Use in conservation

14:30 – 15:00 Italy: Clara Bertolini Conservation applications

15:00 – 15:30 Italy: Benedetto Pizzo - Reinforcement for deflection. Existing buildings

**15:30 – 16:00 Coffee**

## **Session 4 – Design Methods**

16:00 -16.30 Sweden: Eric Serano - Modelling, testing, fracture, failure modes

16:30 – 17:00 Switzerland – Rene Steiger - Reinforcement. Swiss Rules

17:00-17:30 Canada/RILEM: Thomas Tannert - Chair of RILEM Technical Committee: Reinforcement of Timber Elements in Existing Structures (RTE) - *International perspective* Italy 15.30 -15.50 Coffee

17:30 – 18:00 Extended discussion

## **Dinner**

### **DAY 2:**

09:00-10:00 Plenary session as Day 1: Continue Discussion. Identify key areas of work.

10.00-10.45 Coffee

10:45-11:45 Parallel session: Subgroups to focus on each of the key areas and develop set of actions and deliverables.

11:45 – 12.30 Plenary closing session – reports from parallel sessions

12.30 – 13.30 Lunch

13:30 – 15:30 COST Action FP1004 Management Committee Meeting MC3