



11th International Conference on Fracture (ICF11)
Turin, Italy
March 20-25

Post-Conference-Symposium
Venice, Italy
March 29, 2005

Damage and Repair of Historical and Monumental Building

PRELIMINARY PROGRAM

9.15-9.45 Registration

9.45-10.00 Post Symposium opening (Prof. A. Di Tommaso)

Sub-group 1: MODELING THE CRACKS IN ANCIENT MASONRY WITH FM CONCEPTS

10.00-10.15 Casapulla, C., Jossa P., Maione A., SOME ISSUES ABOUT RIGID-PLASTIC ANALYSIS OF A DUCTILE BEAM UNDER IMPACT LOADING. FIRST EXTENSION TO MASONRY STRUCTURES.

10.15-10.30 Mandara A., A METHOD FOR PREDICTING THE BEHAVIOUR OF CONFINED MASONRY ELEMENTS.

10.30-10.45 Musso A., Federico F., Amoruso A., DYNAMIC IMPACT OF FLUID-LIKE DEBRIS FLOWS ON STRUCTURES.

10.45-11.00 Rots, J. G., Invernizzi S., DAMAGE ASSESSMENT IN HISTORICAL BUILDINGS DURING UNDERGROUND TUNNELING

11.00-11.30 Coffee break

Sub-group 2: MONITORING THE CRACKS WITH ADVANCED TECHNOLOGY

11.30-11.45 Candela M., Ceradini V., Bianco A., THE CODE OF PRACTICE FOR SAFENESS AND PRESERVATION OF HISTORICAL CENTRES OF IRPINIA – ITALY: A RESEARCH IN PROGRESS

11.45-12.00 Cluni F., Gioffrè M., Gusella V., CRACK DETECTION AND MONITORING “PONTE DELLE TORRI” IN SPOLETO.

Sub-group 3: ADVANCED SYSTEMS FOR CRACK ARREST

- 12.00-12.15 Barbieri A., Focacci F., Di Tommaso A., FLEXURAL CRACKING OF TIMBER BEAMS STRENGTHENED WITH CFRP PLATES
- 12.15-12.30 Mazzolani F. M., EARTHQUAKE PROTECTION OF HISTORICAL BUILDINGS BY REVERSIBLE MIXED TECHNOLOGIES : THE PROHITECH PROJECT.
- 12.30-12.45 Rinaldi Z., Grimaldi A., HIGH PERFORMANCE FIBER CONCRETE FOR CRACKING REPAIR OF BEAM-COLUMN ELEMENTS.
- 12.45-13.00 Bencardino F., Rizzuti L., Spadea G., LOAD CARRYING CAPACITY OF SFRC SECTIONS ECCENTRICALLY LOADED
- 13.00-14.30 Lunch