

SURENDRA P. SHAH SYMPOSIUM

Advances in structural concrete

Ancona, Italy, July 1st, 2010

9.00 Opening address (Giacomo Moriconi)

9.15-9.45 Opening lecture

Mario Collepardi - ACI Honorary Member

History and Development of Self-Compacting Concrete

9.45-11.15 **Advances in Material Concept and Structural Applications**

1. Marco di Prisco – Politecnico di Milano

High Performance Fiber Reinforced Cementitious Composites

2. Giovanni Plizzari – Università degli Studi di Brescia

Shrinkage and durability of FRC elements

3. Giuseppe Ferro – Politecnico di Torino

High Performance Concrete

Coffee break

11.30-13.00

4. Dante Galeota, Amedeo Gregori – Università degli Studi dell'Aquila

Self consolidating concrete - formwork pressure

5. Alessandra Passuello – Universidade Federal do Rio Grande do Sul, Porto Alegre, Brasil

Cracking Behavior of Concrete with Shrinkage reducing Admixtures and PVA Fibers

6. Francesca Tittarelli – Università Politecnica delle Marche

Use of GRP industrial by-product in cementitious materials

Lunch

14.30–16.00 **Concrete Under Extreme Conditions: Advances in Assessment and Retrofitting**

7. Pietro Gambarova, Patrick Bamonte - Politecnico di Milano

Concrete Under Fire

8. Antonio Nanni, Andrea Prota – University of Miami, USA, Università degli Studi di Napoli "Federico II"

Confinement of Concrete with FRP - Experiments and Modeling

9. Christian Carloni, Kolluru V. Subramanian – University of Hartford and City University of New York, USA

FRP-Concrete Delamination

Coffee break

16.30–18.00 Advances in Modeling Concrete Behavior

10. Luigi Cedolin, Giovanni di Luzio – Politecnico di Milano

Modeling of concrete at early ages

11. Roberta Massabò – Università degli Studi di Genova

Cohesive Modeling at High Strain Rates

12. Liberato Ferrara – Politecnico di Milano

Fresh State Modeling: From Rheology Identification to Casting Flow Prediction

18.00-18.30 Closing Lecture by Surendra P. Shah