

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**