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
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