

**ACI Committee 544F
Fiber Reinforced Concrete
Durability**

**Compilation of Activities since ACI Spring
Convention, Tampa, 2011**

Corina Aldea
Cincinnati, October 2011

Special Publications Under Development

Advances in Fiber Reinforced Concrete Durability and Field Applications

- 10 papers presented in Tampa, ACI Spring Convention 2011.
- Co-editors: Corina Aldea and Mahmut Ekenel.
- Status
 - Editorial package submitted to ACI in August, 2011
 - TAC to grant approval in Cincinnati
- Goal: publication by the end of 2011.

Technical Sessions

Fiber Reinforced Concrete: Smart Materials and Sensors: Part 1, Cincinnati, ACI Fall Convention 2011, Oct. 17, 2011.

- Co-sponsored by ACI 544F FRC – Durability and 236-0D Material Science – Nanotechnology of Concrete
- organizers and co-chairs: Corina Aldea and Konstantin Sobolev
- 7 papers

Technical notes

Based on ACI 544.5R-10

- Permeability of FRC – Jean-Philippe Charron and Corina Aldea; balloted internally 544F; to be submitted for 544 ballot.

Solicit work for:

- Effect of fibers on shrinkage cracking – Jeff Nowak;
- Effect of fibers on freeze-thaw resistance – Cliff MacDonald;
- Corrosion resistance of FRC – Joaquim Barros;
- Blast resistance of FRC – Liberato Ferrara, long term.