



## **ACI Committee 234 – Silica fume**

**Tuesday April 19, 2p-6p - Hudson**

### **AGENDA**

1. Welcome
2. Apologies for absence
3. Membership status and changes. Terry Holland
4. Revision 234 R, Review of TAC comments. Terry Holland/Per Fidjestol
5. Document on reference projects. Status and future activity. Robert Lewis
6. Sessions
7. Other business
8. Close meeting

## SESSION 1

Session Moderator: Rachel Detwiler

|     | Time  |       | Speaker         | Title  |
|-----|-------|-------|-----------------|--|
|     | From  | To    |                 |  |
|     |       |       | Tony Kojundic   | Moderator  |
|     |       |       | Robert Hoopes   | Co-moderator   |
| 1.1 | 0:00  | 0:30  | Per Fidjestol   | Revised Guide to Silica Fume in Concrete – what is new, where do we go from here.                |
| 1.2 | 0:30  | 1:00: | Tarif Jaber     | Advances and Trends in Implementing Silica Fume/ High Performance Concrete in the Western States |
| 1.3 | 1:00: | 1:30  | Rachel Detwiler | Fundamental mechanisms of silica fume in concrete – on significant additions to chapter 3.       |
| 1.4 | 1:30  | 2:00  | John Wolsiefer  | 20 years of silica fume for chloride resistance in USA   |
| 1.5 | 2:00  | 2:30  | Robert Lewis    | The Dubai Airport Extension – the largest silica fume concrete project ever                      |
| 1.6 | 2:30  | 3:00  | Terry Holland   | Silica Fume User Manual  |

## SESSION 2

Session Moderator: Tony Kojundic

|     | Time  |       | Speaker  | Title   |
|-----|-------|-------|--|---|
|     | From  | To    |  |   |
|     |       |       | Rachel Detwiler                                    | Moderator   |
|     |       |       | Robert Lewis                                       | Co-moderator  |
| 2.1 | 0:00  | 0:30  | Per Jahren   | Silica fume concrete in the field – documentation of performance after more than 20 years exposure in real structures |
| 2.2 | 0:30  | 1:00: | Kshemendra Nath                                    | High Performance Silica Fume Concrete in Marine Bridge System in Mumbai, India  |
| 2.3 | 1:00: | 1:30  | Hani H. Nassif and Nakin Suksawang:                | Verification of Prediction Models for Creep and Shrinkage of High Strength Concrete Containing Pozzolans              |
| 2.4 | 1:30  | 2:00  | James Aldred                                       | New frontiers in high strength concrete – The world's tallest towers in Asia  |
| 2.5 | 2:00  | 2:30  | Pistilli, M.F., Zemajtis, J.Z., and Tobolski, T.G. | High Modulus of Elasticity, High-Strength Concrete in Chicago 2005  |
| 2.6 | 2:30  | 3:00  | Terry Holland and Per Fidjestol                    | The future of silica fume concrete – and research needs   |