

RILEM MMC course 2016 at Jiangsu Bote New Materials Co., Nanjing, China

MMC course program, DRAFT

Year 2016

Date 17 - 21 October

Organized by: TU Delft M&E, Jiangsu Bote New Materials Co., TU Darmstadt and Tecniaia

| MMC | Time | Monday 17 Oct. | Tuesday 18 Oct. | Wednesday 19 Oct. | Thursday 20 Oct. | Friday 21 Oct. |
|-------------------------------|---------------|---|---|--|--|--|
| Theory | 9.00 - 9.30 | Welcome and Introduction session | Meso modelling Fracture mechanics Erik Schlangen | Micro modelling (1) Hydration / Microstructure Guang Ye | Nano modelling CSH development Jorge Sanchez | Nano - to - Macro Upscaling techniques Eddie Koenders / Zhiwei Qian |
| | 9.30 - 10.15 | Macro modelling FEMMASSE (1) Erik Schlangen | | | | |
| | 10.15 - 10.45 | Coffee break + Introduction participants | Coffee break + Introduction participants | Coffee break + Introduction participants | Coffee break + Introduction participants | Coffee break + Introduction participants |
| | 10.45 - 11.30 | Macro modelling (2) Erik Schlangen | Meso modelling Internal micro damage Zhiwei Qian | Micro modelling (2) Hydration / Microstructure Guang Ye | Nano modeling Basic Building Blocks Jorge Sanchez | Durability modelling from nano to macro Guang Ye |
| | 11:30 - 12:15 | Macro modelling Temperatures & Stresses Eddie Koenders | | Micro modelling Properties Eddie Koenders | Lab visit Jiangsu Bote New Materials Co. | Transport modelling Huisu Chen |
| | 12.30 - 14.00 | Lunch | Lunch | Lunch | Lunch | Lunch |
| Practical / Tutorial sessions | 14.00 - 15.30 | Macro FEMMASSE Demonstrations | Meso Lattice: Demonstrations | Micro Hymostruc: Demonstrations | Nano Tecniaia codes Demonstrations | |
| | 15.30 - 16.00 | Coffee break + Introduction participants | Coffee break + Introduction participants | Coffee break + Introduction participants | Coffee break + Introduction participants | |
| | 16.00 - 18.00 | Macro FEMMASSE Practical sessions | Meso Lattice: Practical sessions | Micro Hymostruc Practical sessions | Nano C4 Practical sessions | |
| | 18.00 | City walk | Free | MMC Course dinner | Free | |