**Advanced materials and technologies based on inorganic binders**

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|  | **Sunday, 2nd Sept.** | **Monday, 3rd Sept.** | **Tuesday, 4th Sept.** | **Wednesday, 5th Sept.** | | **Thursday, 6th Sept.** | | **Friday, 7th Sept.** | |
| 9.00-  9.40 |  | **Lecture 1 – KK**  *Inorganic binders: historical development, manufacture, composition and properties* | **Lecture 5 – OM**  *The state of water in inorganic binders – Powers’ model* | **Lecture 9 – OM**  *Control of water in inorganic binders – SAP* | | 7.30-  8.00 | Starting professional tour to KNAUF RADIKA DEBAR | 8.30-12.30 | Preparation of student presentations |
| 11.00 – 11.30 | **Lecture 14- BM, KK**  *Gypsum products* | 12.30-14.30 | Students presentations |
| 9.50-10.30 |  | **Lecture 2 – NDB**  *Supplementary cementitious materials* | **Lecture 6 – NDB**  *Self-healing of cementitious materials* | **Lecture 10 – HJ**  *Development, application and valorization of bacteria-based self-healing concrete* | |
| 11.30 - 14.30  14.30-  15.30  15.30-  17.00 | Visiting KNAUF factory and underground historical quarry,  BM, BA  Lunch  Departure to Ohrid | 14.30-15.00 | Closing Training School |
| 10.30-11.00 |  | Coffee break | Coffee break | Coffee break | |
| 11.00-11.40 |  | **Lecture 3 – LF**  *Self-healing of lime mortars* | **Lecture 7 – AP**  *Nanofillers in cement based composites* | 11.00– 11.30 | **Lecture 11 - LF**  *ECCs/HPFRCCs* |
| 11.30– 12.00 | **Lecture 12 – VS**  *Advanced composites in earthquake engineering* |
| 11.50-12.30 |  | **Lecture 4 – JR**  *Autogenous self –healing of historical binders* | **Lecture 8 – KK**  *Gypsum and its uses in construction* |
| 15.00-16.30 | Lunch |
| 12.00– 12.30 | **Lecture 13 – EF**  *Nanomaterials in construction* |
| 12.30-13.30 |  | Lunch | Lunch | Lunch | |
| 13.30-14.00 |  | Departure to the factory/Institutes | Departure to the factory/Institutes | Departure to the factory/Institutes | | 17.00 | Accommodation in Ohrid | 16.30-19.30 | Sightseeing the old part of Ohrid |
| 14.00-17.00 | Registration | Laboratory work and introduction of the institutes/factory | Laboratory work and introduction of the institutes/factory | Laboratory work and introduction of the institutes/factory | |
| 17.00-20.00 | Opening Training School | Departure to the town center  Sightseeing - facultative | Departure to the town center  Sightseeing - facultative | Departure to the town center  Free evening | |
| 20.00-22.30 | Welcome dinner | 19.00 | Dinner in Ohrid | 19.30 | Free evening |

Trainers: KK – Konstantin Kovler; OM – Ole Mejlhede Jensen; NDB – Nele De Belie; LF - Liberato Ferrara; JR- Jonjaua RanogajeC; AP – Alva Peled; HJ – Henk Jonkers; VS - Veronika Shendova; BM – Burhan Murati; BA – Biljana Angjusheva; EF – Emilija Fidanchevski.