# Bauhaus Summer School 2014

**Forecast Engineering:**
Global Climate Change and the Challenges for Built Environment

## Time Schedule

### Monday
- **18 August**
  - **09:00 - 10:30**: Opening 2014 (Dean, KD, BRS, ...); Presentation of the Staff and Projects (8 different projects will be offered, registration to the projects)
  - Lecture Hall 6, Coudraystr. 9a
- **11:00 - 12:30**: Improvements of the seismic response of existing structures using the high-performance plastics (Prof. Dr. T. Isakovic (University of Ljubljana))
  - Lecture Hall 6, Coudraystr. 9a
- **12:30 - 13:30**: Lunch
- **13:30 - 15:00**: Project work (Introduction)
  - will be announced
- **15:30 - 17:00**: Interdisciplinary experience exchange with specialised courses of Bauhaus Summer School 14:00 - 17:00
  - will be announced
- **17:30 - 19:00**: Icebreaker Party
  - Sports ground “Falkenburg”

### Tuesday
- **19 August**
  - **09:00 - 10:30**: Buckling of steel plated structures (Prof. Dr. L. Dunai (BME))
  - Lecture Hall 6, Coudraystr. 9a
- **11:00 - 12:30**: Inelastic behavior of structures under earthquake loading: analysis, design and assessment (Prof. Dr. A. Sextos (AUTH))
  - Lecture Hall 6, Coudraystr. 9a
- **12:30 - 13:30**: Lunch
- **13:30 - 15:00**: Project work
  - will be announced
- **15:30 - 17:00**: Presentation by Participants (Lecture hall)
  - will be announced

### Wednesday
- **20 August**
  - **09:00 - 10:30**: Topology optimization: basic concepts and robust design (Dr. M. Schevenels (KU Leuven))
  - Lecture Hall 6, Coudraystr. 9a
- **11:00 - 12:30**: Wind flow modelling and climate analyses (Dr. M.P. Repetto (University of Genoa))
  - Lecture Hall 6, Coudraystr. 9a
- **12:30 - 13:30**: Lunch
- **13:30 - 15:00**: Project work
  - will be announced
- **15:30 - 17:00**: Preparation of final report
  - will be announced

### Thursday
- **21 August**
  - **09:00 - 10:30**: Project work (Inroduction)
  - will be announced
- **11:00 - 12:30**: Design of civil engineering structures and wind flow simulation (Dr. T. Bistry (Deutsche Rück))
  - Lecture Hall 6, Coudraystr. 9a
- **12:30 - 13:30**: Lunch
- **13:30 - 15:00**: Interdisciplinary experience exchange with specialised courses of Bauhaus Summer School 14:00 - 17:00
  - will be announced
- **15:30 - 17:00**: Project work
  - will be announced
- **17:30 - 19:00**: Farewell Party
  - Mensa

### Friday
- **22 August**
  - **09:00 - 10:30**: Project work (Inroduction)
  - will be announced
- **11:00 - 12:30**: Damage Detection of Civil Engineering Structures ... (Prof. S. Maas (Université du Luxembourg))
  - Lecture Hall 6, Coudraystr. 9a
- **12:30 - 13:30**: Lunch
- **13:30 - 15:00**: Presentations of Summer School courses & discussions
  - will be announced
- **15:30 - 17:00**: Food evening
  - will be announced

### Saturday
- **23 August**
  - **09:00 - 10:30**: Topology optimization: basic concepts and robust design (Dr. M. Schevenels (KU Leuven))
  - Lecture Hall 6, Coudraystr. 9a
- **11:00 - 12:30**: Topology optimization: advanced design (Dr. M. Schevenels (KU Leuven))
  - Lecture Hall 6, Coudraystr. 9a