

08:30 Registration desk (on-site) opens

|             |  |                                  |
|-------------|--|----------------------------------|
| 9:30-10:30  | Welcoming Session                                  |                                  |
| 9:30-9:40   | Welcoming Words                                    | Aurelio Muttoni, Joseph Schwartz |
| 9:40-9:45   | Welcoming Words Gesellschaft für Ingenieurbaukunst | Massimo Laffranchi               |
| 9:45-9:50   | Welcoming Words BetonSuisse                        | Peter Wellauer                   |
| 9:50-10:00  | Welcoming Words Halter AG                          | Andreas Campi                    |
| 10:05-10:30 | Opening Keynote                                    | Hugo Corres                      |

10:30-11:00 Coffee Break

|             |   |                    |
|-------------|---|--------------------|
| 11:00-12:30 | Workshop - Dialogue and Debate (Exposed or concealed) |                    |
| 11:00-11:05 | Introduction Speakers                                 | Roland Pawlitschko |
| 11:05-11:10 | Input Speaker 1                                       | Christian Kerez    |
| 11:10-11:20 | Discussion  |                    |
| 11:20-11:25 | Input Speaker 2                                       | Cecilia Puga       |
| 11:25-11:35 | Discussion  |                    |
| 11:35-11:40 | Input Speaker 3                                       | Jeannette Kuo      |
| 11:40-11:50 | Discussion  |                    |
| 11:50-11:55 | Input Speaker 4                                       | Joseph Schwartz    |
| 11:55-12:30 | Panel Discussion                                      |                    |

12:30-13:30 Lunch

|             |  |                    |
|-------------|--|--------------------|
| 13:30-15:00 | Workshop - Dialogue and Debate (Challenging Gravity) |                    |
| 13:30-13:35 | Introduction Speakers                                | Leonardo Todisco   |
| 13:35-13:40 | Input Speaker 1                                      | Paul Gauvreau      |
| 13:40-13:50 | Discussion   |                    |
| 13:50-13:55 | Input Speaker 2                                      | Alejandro Bernabeu |
| 13:55-14:05 | Discussion   |                    |
| 14:05-14:10 | Input Speaker 3                                      | Knut Stockhusen    |
| 14:10-15:00 | Panel Discussion                                     |                    |

15:00-15:30 Coffee Break

|             |   |  |
|-------------|---|--|
| 15:30-17:00 | Paper Presentations 1   |  |
|             |   | Chairpersons: Tor Ole Olsen, Massimo Laffranchi and Patrick Valeri |
| 15:30-15:36 | MAAT - Museum of Art, Architecture and Technology, Lisbon                                     | Rui Furtado, Miguel Pereira  |
| 15:36-15:42 | To show and integrate instead of hiding -the supporting structure of the Plantahof Auditorium | Emmanuela Ferrari  |
| 15:42-15:48 | The new Retirement Home in Giornico (CH)  | Roberto Guidotti   |
| 15:48-15:54 | Smart Vierendeel: TRUMPFShowroom, Chicago   | Florian Meier  |
| 15:55-16:15 | Q&A Session   |  |
| 16:15-16:21 | The new Ponte Cabbiera Chapel in Val Malvaglia  | Martino Pedrozzi   |
| 16:21-16:27 | Textile reinforced concrete canopies  | Jan Mittelstädt  |
| 16:27-16:33 | E pluribus unum: hybrid structural solutions for next-generation bridge designs               | Andreas Taras  |
| 16:33-16:39 | FPM41. Office building in Lisbon  | Miguel Sérgio Lourenço, Joao F. Almeida                            |
| 16:40-17:00 | Q&A Session   |  |

17:00 End of streaming Day 1

|             |   |
|-------------|---|
| 17:00-18:30 | Exhibition and Site Visit Attisholz Areal |
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followed by Dinner / Buffet

08:30 Registration desk (on-site) opens

|             |  |  |
|-------------|--|--|
| 9:00-10:30  | Paper Presentations 2  | Chairpersons: Hugo Corres, Thierry Délémont and Jan Brütting |
| 9:00-9:06   | Infrastructure Design: The Benefits of Contextual and Conceptual Considerations                    | Philippe Menétréy  |
| 9:06-9:12   | Embodied Structural Ambivalence: A Neurophysiological Perspective on Structural Expression         | Shuaizhong Wang  |
| 9:12-9:18   | Beyond the spherical solution: The contractor's contribution to the roof of the Sydney Opera House | Paolo Tombesi  |
| 9:18-9:24   | Structure and architecture in dialogue: design micronarratives of the N2 motorway (1961–86)        | Ilaria Giannetti   |
| 9:25-9:45   | Q&A Session  |  |
| 9:45-9:51   | On Sustainable Structural Design   | Neven Kostic   |
| 9:51-9:57   | Design principles providing solutions to multiple engineering tasks                                | Elio Raveglia  |
| 9:57-10:03  | Durable and Sustainable Conception and Refurbishment of Road Bridges                               | Eckart Hars  |
| 10:03-10:09 | Challenging gravity; the beauty of buoyancy  | Tor Ole Olsen  |
| 10:10-10:30 | Q&A Session  |  |

10:30-11:00 Coffee Break

|             |   |                 |
|-------------|---|-----------------|
| 11:00-12:30 | Workshop - Dialogue and Debate (Rediscovering the past) |                 |
| 11:00-11:05 | Introduction Speakers                                   | Mario Rinke     |
| 11:05-11:10 | Input Speaker 1   | Tullia Iori     |
| 11:10-11:20 | Discussion  |                 |
| 11:20-11:25 | Input Speaker 2   | Aurelio Muttoni |
| 11:25-11:35 | Discussion  |                 |
| 11:35-11:40 | Input Speaker 3   | Jürg Conzett    |
| 11:40-12:30 | Panel Discussion  |                 |

12:30-13:30 Lunch

|             |   |                   |
|-------------|---|-------------------|
| 13:30-15:00 | Workshop - Dialogue and Debate (Behind the curtain) |                   |
| 13:30-13:35 | Introduction Speakers                               | Catherine De Wolf |
| 13:35-13:40 | Input Speaker 1                                     | Lee Franck        |
| 13:40-13:50 | Discussion  |                   |
| 13:50-13:55 | Input Speaker 2                                     | Jane Wernick      |
| 13:55-14:05 | Discussion  |                   |
| 14:05-14:10 | Input Speaker 3                                     | Bill Baker        |
| 14:10-14:20 | Discussion  |                   |
| 14:20-14:25 | Input Speaker 4                                     | Elli Mosayebi     |
| 14:25-15:00 | Panel Discussion                                    |                   |

15:00-15:30 Coffee Break

|             |  |   |
|-------------|--|---|
| 15:30-17:10 | Paper Presentations 3  | Chairpersons: Akio Kasuga, Philippe Menétréy, Giulia Boller |
| 15:30-15:40 | Input ALLPLAN  | Jan Osterz  |
| 15:40-15:46 | Robotically-Fabricated Nexorades from Whole Timber   | Petras Vestartas  |
| 15:46-15:52 | Component reuse in structural design: emerging practices and tools for the circular economy              | Jan Brütting  |
| 15:52-15:58 | Algorithmic circular design with reused structural elements: Method and Tool                             | Yijiang Huang   |
| 16:00-16:20 | Q&A Session  |   |
| 16:20-16:25 | Input Jakob Rope Systems   | Fabian Graber   |
| 16:25-16:31 | A Prototype Pavilion in Textile Reinforced Concrete: A tool for Research and Pedagogy                    | Patricia Guaita, Raffael Baur                               |
| 16:31-16:37 | Pushing concrete material usage to the limit: Weight optimised, 3Dprinted concrete girders with external | Nadine Stoiber  |
| 16:37-16:43 | Structural Design Possibilities of Reinforced Concrete Beams Using Eggshell                              | Lukas Gebhard, Joris Burger                                 |
| 16:43-16:49 | A new tool for the conceptual design of structures in equilibrium based on graphic statics               | Jean-Philippe Jasienski                                     |
| 16:50-17:10 | Q&A Session  |   |

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|-------------|--------------------------|--|
| 17:15-18:15 | Closing Session          |  |
| 17:15-17:25 | Summarizing Words        | Aurelio Muttoni, Joseph Schwartz, Massimo Laffranchi |
| 17:25-17:30 | Next CDoS Symposium 2023 | Tor Ole Olsen  |
| 17:35-18:00 | Closing Keynote          | Akio Kasuga  |
| 18:00-18:15 | Closing Remarks          | Aurelio Muttoni, Joseph Schwartz                     |

18:15 End of streaming Day 2

followed by BBQ (organized by fib YMG)