### Participation fee
The registration/participation fee per person for the 7th WTA Colloquium – Maintenance of Concrete Buildings*:

- **Guest** 180.00 €
- **WTA member** 120.00 €
- **Student in initial training** 20.00 €

A limited number of students from TU Delft can participate free of charge. Registration is required.
*Price includes catering during the Colloquium and lunch.

### Registration
Registration can be done via the registration form on the website.

https://www.wta-international.org/de/veranstaltungen/7th-wta-colloquium-maintenance-of-concrete-buildings/

An invoice will be sent to the participant as confirmation of the registration.

### Venue
Delft University of Technology
Aula Conference Centre
Commissiekamer 3
2628 CC Delft
The Netherlands

### Organizing committee
Dr. Barbara Lubelli, E-mail: b.lubelli@tudelft.nl
Susanne Schneider, E-mail: susanne.schneider@wta.de

### Cancellation
If the registration is cancelled before the registration deadline, a processing fee of 80.00 € will be charged. For cancellations after the registration deadline, the full participation fee is due.

### Guarantor
WTA – International, TC 5 Concrete
www.wta-international.org

### Language
Colloquium language will be English.

### The 7th WTA Colloquium – Maintenance of Concrete Buildings
Strategies for the Conservation of Historic Concrete Structures
June 26th, 2020, Delft

Organisers:
International Association for Science and Technology of Building Maintenance and Monument Preservation – WTA International and the national group WTA NL-VL
tu Delft, Faculty of Architecture and the Built Environment, in collaboration with the JPI-CH Project CONSECH20

Scientific committee:
Prof. Dr.-Ing. Rolf P. Gieler
Prof. Dr.-Ing. Dipl. Chem. Andrea Osburg
Dr. Barbara Lubelli
Dr. ir. Wido Quist
**Foreword**

Concrete heritage buildings from the 20th century are at risk, due to the absence of recognition of the historic values of these buildings as well as to the lack of knowledge of the specific characteristics of historic concrete structures. Frequently, solutions developed for repair of contemporary structures are applied to historic concrete buildings, resulting in interventions which are neither compatible nor durable.

The scope of the lectures includes the possibilities of new investigation methods and procedures of condition assessment, the application of innovative materials and the use of heritage precast concrete elements. In addition, main results from relevant case studies are presented.

The Colloquium aims at providing building owners, employees from planning and engineering offices, construction companies, concrete experts, architects and representatives of authorities, with the latest developments in the field of conservation of concrete historic buildings, as resulting from practice and from international research projects.

On behalf of the organizing team, the members of WTA - International (TC5 Concrete) and of the JPI-CH CONSECH20 project, we cordially invite you to the 7th Colloquium WTA - Strategies for the Conservation of Historic Concrete Buildings and Structures.

We are looking forward to meeting you in Delft!

Prof. Dr.-Ing. Rolf P. Gieler  
Prof. Dr.-Ing. Dipl. Chem. Andrea Osburg  
Dr. Barbara Lubelli  
Dr. ir. Wido Quist

**Program**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Welcome and introduction</td>
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<tr>
<td>09:00</td>
<td>Welcome and introduction</td>
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<tr>
<td>09:00</td>
<td>Welcome and introduction</td>
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<tr>
<td>09:15</td>
<td>Overview of the project CONSECH20: CONSERvation of 20th century concrete</td>
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<td>09:45</td>
<td>Innovative materials and techniques for the conservation of the 20th century concrete-based cultural heritage</td>
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<td>10:15</td>
<td>Coffee break</td>
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<td>10:45</td>
<td>Textile reinforced concrete - Opportunities for the restoration of historical concrete structures</td>
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<td>11:15</td>
<td>Good vs poor intervention practices on historic concrete structures in Cyprus</td>
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<td>11:45</td>
<td>Lunch break</td>
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<tr>
<td>13:15</td>
<td>High-resolution digital twins for cloud-based ai-assisted condition assessment of structures</td>
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<td>13:45</td>
<td>Reinforced concrete architectures of the first half of the 20th-century in Genoa: a comparison case studies</td>
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<td>14:15</td>
<td>Why is there a crack? Modern inspection methods for old concrete</td>
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<td>14:45</td>
<td>Coffee break</td>
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<tr>
<td>15:15</td>
<td>Challenges of pre-cast concrete heritage - Examples from the Netherlands</td>
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<tr>
<td>15:45</td>
<td>From theory to practice: Degradation patterns and conservation strategies in concrete buildings built until the 1960s in the Netherlands</td>
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<td>16:15</td>
<td>Summary and conclusion</td>
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**During the lunch break two activities will be offered:**

1. **Demonstration on the Monument Diagnosis and Conservation System (MDCS)**  
   Dott. Silvia Naldini  
   TU Delft

2. **Guided tour through the Aula building**  
   Dr. ir. Wido Quist  
   TU Delft

**End of the event**