Laboratory of Construction Materials
1918-2018

1918 Founding of the Laboratory for Testing of Materials. The laboratory is one of the oldest labs at EPFL and was created by Henri Demierre and professor Marius Lacombe, respectively secretary and director of the “Ecole d’ingénieurs” in Lausanne.

1927-1949 Professor Jean Bolomey
The laboratory for testing of materials is split into two divisions: the division «metallurgy» and the division «stone materials» which will be directed by Prof. Jean Bolomey, one of the pioneers in the study of technology of concrete. Internationally recognised, Prof. Jean Bolomey was one of the first to establish the relationship between the strength of concrete and the water-to-cement ratio.

1949-1972 Professor Jean-Pierre Daxelhofer
During this period, many large dams were built in Switzerland and the laboratory essentially provided a service to the industry.

1974-1978 Professor Jean-Pierre Delisle
During his short tenure, Jean-Pierre Delisle, a born teacher, focused on the development of undergraduate teaching and applied research.

1980-1989 Professor Folker H. Wittmann
The laboratory changed its name to the current the Laboratory of Construction Materials. The research approach in construction materials became more fundamentally oriented.

1989-2001 Professor Christian Huet
Under his direction, the emphasis was placed on modelling the mechanical behaviour of construction materials.

2001- Professor Karen Scrivener
Born in 1958 in the UK, Karen Scrivener has a degree in material science from the University of Cambridge (1979) and a PhD from Imperial College London (1983). From 1983 until 1995 she worked as Royal Society Research Fellow and lecturer at Imperial College London. In 1995, she joined Lafarge Centre de recherche near Lyon (France) as Director of Research for aluminate cements and expert on concrete durability. Since 2001, Karen Scrivener has been the head of the Laboratory of Construction Materials. Her research interests are the hydration of cementitious materials, the interfacial transition zone in concrete, durability and sustainability of cementitious materials. In 2018, Karen Scrivener will celebrate her 60th birthday.

SAVE THE DATE FOR THE CONFERENCE IN HONOR OF THE CENTENNIAL OF THE LABORATORY OF CONSTRUCTION MATERIALS AND PROF. KAREN SCRIVENER’S 60TH BIRTHDAY
19-20-21-22 AUGUST 2018

Laboratory for testing of materials in its early days
**VENUE**
The conference will be held from Sunday, 19 August to Wednesday, 22 August 2018 at the Forum Rolex, EPFL, Lausanne, Switzerland.

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**PROGRAMME OF THE CONFERENCE**

<table>
<thead>
<tr>
<th>Date</th>
<th>Morning</th>
<th>Afternoon</th>
<th>Late afternoon Evening</th>
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<tbody>
<tr>
<td>Sunday 19 Aug 2018</td>
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<td>Registration/Welcome party</td>
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<tr>
<td>Monday 20 Aug 2018</td>
<td>Official LMC 100th Anniversary</td>
<td>Conf. K. Scrivener 60th Birthday</td>
<td>Conference Dinner</td>
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<tr>
<td>Tuesday 21 Aug 2018</td>
<td>Session Theme 2</td>
<td>Session Theme 3</td>
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<td>Wednesday 22 Aug 2018</td>
<td>Session Theme 4</td>
<td>Conference ends after lunch</td>
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**THEMES**
The conference will centered around the Karen Scrivener’s research interests
Theme 1: Hydration of cementitious materials
Theme 2: Interfacial Transition Zone in Concrete
Theme 3: Durability
Theme 4: Sustainability

**CALL FOR ABSTRACTS**
To give us a first indication of interest, please submit an abstract via the conference website: [http://lmc.epfl.ch/birthdays2018](http://lmc.epfl.ch/birthdays2018)

**Deadline:** 31 October 2016

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**ORGANIZERS LMC**
- Marie-Alix Dalang-Secrétan
- Maude Schneider
- Karen Scrivener
- Philippe Simonin
- Lionel Sofia

**FURTHER INFORMATION**
Contact marie-alix.dalang-secretan@epfl.ch or visit [http://lmc.epfl.ch/birthdays2018](http://lmc.epfl.ch/birthdays2018)