

## 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

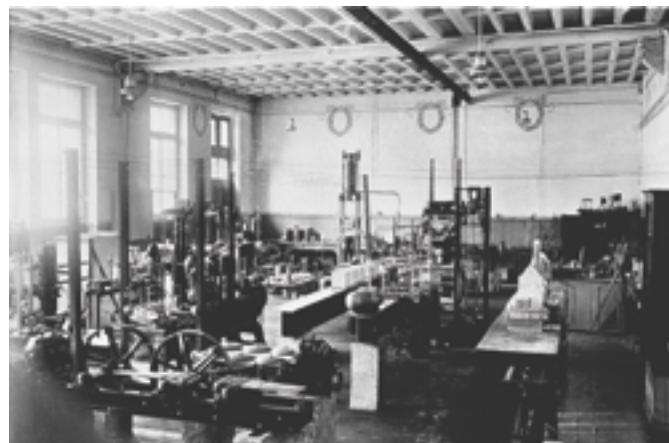


Born in 1958 in the UK, Karen Scrivener has a degree in material science from the University of Cambridge (1979) and a PhD from Imperial College London (1983). From 1983 until 1995 she worked as Royal Society Research Fellow and lecturer at Imperial College London. In 1995, she joined Lafarge Centre 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 60<sup>th</sup> birthday.

SAVE THE DATE FOR THE  
CONFERENCE  
IN HONOR OF  
THE CENTENNIAL OF THE  
LABORATORY OF CONSTRUCTION  
MATERIALS

AND

PROF. KAREN SCRIVENER'S 60<sup>th</sup> BIRTHDAY  
19-20-21-22 AUGUST 2018



Laboratory for testing of materials in its early days

# CONFERENCE in honor of

## Centennial of LABORATORY OF CONSTRUCTION MATERIALS

and

## 60<sup>th</sup> Birthday Prof. Karen Scrivener

### 19-20-21-22 August 2018 Lausanne, Switzerland

[Imc.epfl.ch](http://Imc.epfl.ch)

## 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>

**Deadline: 31 October 2016**

## PROGRAMME OF THE CONFERENCE

	<b>Sunday 19 Aug 2018</b>	<b>Monday 20 Aug 2018</b>	<b>Tuesday 21 Aug 2018</b>	<b>Wednesday 22 Aug 2018</b>
<b>Morning</b>		Official LMC 100th Anniversary	Session Theme 2	Session Theme 4 Conference ends after lunch
<b>Afternoon</b>		Conf. K. Scrivener 60 <sup>th</sup> Birthday Session Theme 1	Session Theme 3	
<b>Late afternoon/ Evening</b>	Registration/ Welcome party	Poster Session	Conference Dinner	

## VENUE

The conference will be held from Sunday, 19 August to Wednesday, 22 August 2018 at the Forum Rolex, EPFL, Lausanne, Switzerland.



Rolex Learning Center, EPFL © Alain Herzog

## ORGANIZERS LMC

- Marie-Alix Dalang-Secretan
- Maude Schneider
- Karen Scrivener
- Philippe Simonin
- Lionel Sofia

## FURTHER INFORMATION

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or visit <http://lmc.epfl.ch/birthdays2018>

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