

Nordic workshop: Recent developments of UltraHigh Performance Concrete (UHPC) for structural applications

Sponsored by the Norwegian R&D project "New applications of UHPC".

The participants of the project have the pleasure of inviting you to a Nordic workshop **9. December 13:00-16:00 (CET)** on recent developments of UHPC for structural concrete in the Nordic countries.

UHPC is often associated with high material cost because of high cement content and specially selected materials. The latter also through need of special handling by concrete producers. The workshop will discuss the possibility of UHPC made with materials used in daily concrete production and produced as regular concrete. Also, examples of applications where UHPC gives benefits will be discussed.

Preliminary program:

	Topic and title of presentation		Speaker
13:00	Introduction		Tor Arne M.-Hammer, SINTEF
13:10	Mix design and production	Rheological challenges	Olafur Wallevik, NMI
13:35		Mix design using "local" materials	Tor Arne M.-Hammer, SINTEF
13:55		Production using regular mixers	Berit G. Petersen, Unicon
14:10	Break		
14:25	Applications and case studies	Experience from many years of UHPC production	Bendt Arup, HiCon
14:50		UHPC for lightweight composite applications – performance, sustainability and costs	Urs Müller, RISE
15:15		UHPC for repair and strengthening of concrete bridges	Andrzej Cwirzen, LTU
15:40		Case studies	Erik B Holm, Dr.techn Olav Olsen
16:00	Closure		

Venue: Online using "Teams". A link will be submitted by email after registration

Registration (free of charge): e-mail to tor.hammer@sintef.no until 7. December.