## 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 MHammer,
			SINTEF
13:10		Rheological challenges	Olafur Wallevik, NMI
13:35	Mix design and	Mix design using "local" materials	Tor Arne MHammer,
	production		SINTEF
13:55		Production using regular mixers	Berit G. Petersen,
			Unicon
14:10	Break		
14:25		Experience from many years of UHPC	Bendt Arup, HiCon
		production	
14:50		UHPC for lightweight composite	Urs Müller, RISE
	Applications and	applications – performance, sustainability	
	case studies	and costs	
15:15		UHPC for repair and strengthening of	Andrzej Cwirzen, LTU
		concrete bridges	
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 <u>tor.hammer@sintef.no</u> until 7. December.