

Nordic PhD projects

Country	University	Structural Materials	In Cooperation with (Supported by)	Name	e-mail	Title	Start	End	URL
Iceland	Bauhaus University Weimar	M	Innovation Center Iceland, ICI Rheocenter, Keldnaholt	Stefan Kubens	kubens.s@nmi.is	Interaction of cement and admixtures - and its effect on rheological properties	2005	2010	
Iceland	Bauhaus University Weimar	M	FIB, Germany, Innovation Center Iceland, ICI Rheocenter, Keldnaholt	Sonja Oesterheld	sonja.oesterheld@innovation.is	"Modeling of rheological properties, especially thixotropy, of cement paste and mortar containing stabilizer in connection with rheological properties of self-compacting concrete (SCC)"	2006	2011	
Iceland	Reykjavik University	M	ICI Rheocenter, Innovation Center Iceland and University de Sherbrooke, Canada	Florian V. Mueller	florian.mueller@ext.cemex.com	Matrix design and aggregate for low-binder self-compacting Concrete - Eco-SCC	2007	2011	
Iceland	Reykjavik University	M	RWTH Aachen University and ICI Rheocenter, Innovation Center Iceland	Guido Krage	krage.ici.rheocenter@gmx.net	Influence of Synthetic Structural Fibers on fresh and hardened SCC properties	2004	2010	
Norway	NTNU	M		Ueli Angst	ueli.angst@ntnu.no	Service Life of Concrete Structures: Critical Chloride Content	04 2007	06 2011	
Norway	NTNU	M	Sintef Building and Infrastructure	Klaartje De Weerd	Klaartje.de.weerd@sintef.no	Ternary Cements, Interaction between Limestone Powder and Flyash	01 2007	12 2010	
Norway	NTNU			Linn Grepstad Nes	linn.g.nes@ntnu.no	Hybrid Concrete Structures	08 2007	07 2012	
Norway	NTNU	M	Sintef Building and Infrastructure	Sindre Sandbakk	Sindre.sandbakk@sintef.no	Fibrereinforced Concrete	08 2007	08 2011	
Norway	NTNU	M	NTNU/Sintef Building and Infrastructure	Jan Lindgård	Jan.lindgard@sintef.no	Alkali Silica Reactions (ASR) - performance based testing concept.	2007	2011	
Norway	NTNU	M		Kien Dinh Hoang	Kien.hoang@ntnu.no	Accelerating Admixtures for Concrete using Flyash blended Cement at low Temperature	2009	2012	

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Norway	NTNU	M		Egil Møen	egil.moen@ntnu.no	Ice Abrasion on Concrete Offshore Structures	08 2007	06 2012	
Norway	Northern Research Institute Narvik (Norut Narvik)	S	NTNU Faculty of Engineering Science and Technology Department of Structural Engineering	Irina V. Sæther		Title: Structural behaviour of deteriorated and retrofitted concrete structures	06 2005	06 2010	
Norway	NTNU	M		Nélia Castro	nelia.castro@ntnu.no	Alkali-Aggregate Reactions in Concrete. Study of the relationship between aggregate petrographic properties versus expansion tests	09 2005	06 2010	Link
Sweden	Lunds Tekniska högskola	S		Peter Lundquist	Peter.Lundqvist@kstr.lth.se	Condition assessment of prestressed reactor containments with bonded tendons,			
Sweden	Lunds Tekniska högskola	S		Oskar Larsson	oskar.larsson@kstr.lth.se	Effects of thermal actions from environment on concrete structures			
Sweden	Lunds Tekniska högskola	S	(Vattenfall)	Marie Westberg	marie.westberg@vattenfall.com	Reliability evaluation of concrete dams			
Sweden	Lunds Tekniska högskola	S	(Cementa)	Robert Larsson	robert.larsson@kstr.lth.se	Productivity potential for on-site production of residential concrete buildings			
Sweden	Lunds Tekniska högskola	S	(Tyrens)	Stefan Persson	stefan.persson@tyrens.se	ICT-strategies in industrialised construction with application on prefabricated concrete structures,			
Sweden	Lunds Tekniska högskola	M	(Cementa AB , Formas, KK-foundation)	Dimitrios Boubitsas	dimitrios.boubitsas@sp.se	Industrial waste materials and filler in concrete: Influence on long term properties/durability	2001	2006	
Sweden	Lunds Tekniska högskola	M	(SBUF and Formas)	Magnus Åhs	magnus.ahs@byggtek.lth.se	Moisture redistribution in concrete floors with screeds - considering the scanning sorption properties of cementitious material	2003	2010	

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Sweden	Lunds Tekniska högskola	M	(Cerbof, FormasBIC, SBUF, Skanska)	Jonathan Karlsson	jonathan.karlsson@byggtek.lth.se	Saving energy by using the thermal properties of heavy-frame buildings based on new materials, constructions and heat storage systems	2009	2012	
Sweden	Lunds Tekniska högskola	M	(NanoCem)	Nilla Olsson	nilla.olsson@byggtek.lth.se	Non-saturated ion transport in cementitious materials	2009	2014	
Sweden	Lunds Tekniska högskola	M	(Cementa AB, Sydsten AB)	Michael Gerstig	michael.gerstig@byggtek.lth.se	Concrete production as an industrial process	2006	2010	
Sweden	Kungliga Tekniska Högskolan	S		Johan Magnusson		Protection structures in high strength concrete subjected to weapon effects (prel. title).		2011	
Sweden	Kungliga Tekniska Högskolan	S		Lamis Ahmed		Modelling of shotcrete on rock subjected to vibrations (preliminary title).		2012	
Sweden	Kungliga Tekniska Högskolan	S	CBI	Lars Elof Bryne		Investigation and development of material properties of shotcrete for rock tunnels (prel. title).		2013	
Sweden	Kungliga Tekniska Högskolan	S	CBI	Carsten Vogt	carsten.vogt@cbi.se	Avancerade cementbaserade reparationsmaterial	2004	4 2011	
Sweden	Kungliga Tekniska Högskolan	S	CBI	Annika Gram	annika.gram@cbi.se	Simulering av färsk betongs rörelse	2006	2011	
Sweden	Kungliga Tekniska Högskolan	S-Bridges	CBI	Anders Selander	anders.selander@cbi.se	Impregnering av betongkonstruktioner		04 2011	
Sweden	Kungliga Tekniska Högskolan	S-Bridges	CBI	Richard Mc Carthy	richard.mccarthy@cbi.se	Självkompakterande betong för förbättrad produktionsteknik	2006	2011	
Sweden	Kungliga Tekniska Högskolan	S-Bridges	CBI	Ghasem Hassanzadeh	ghasem.hassanzadeh@cbi.se	Genomstansning av armerade betongplattor: försträkning & spännarmerings effekter		2010	

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Sweden	Chalmers Tekniska Högskolan	S	(The Swedish Road Administration (Vägverket) and the Swedish Rail Administration (Banverket))	Kamyab Zandi Hanjari		Structural behaviour and load-carrying capacity of bridges with corroded reinforcement	2009	2011	
Sweden	Chalmers Tekniska Högskolan		(AB Färdig Betong, The Thomas Concrete Group)	Anette Jansson	anette.jansson@chalmers.se	Fibre reinforced concrete	2008	2011	Link
Sweden	Chalmers Tekniska Högskolan			Ulrika Nyström	ulrika.nystrom@chalmers.se	Blast and fragment impacts	2008	03 2012	
Sweden	Chalmers Tekniska Högskolan			Hendrik Schlune	hendrik.schlune@chalmers.se	Safety Principles for Structural Design and Assessment with Non-Linear Methods	2009	2012	Link
Sweden	Chalmers Tekniska Högskolan		(The Swedish Research Council)	Filip Nilenius	filip.nilenius@chalmers.se	Multiscale modeling of coupled chloride and moisture diffusion in concrete with a view to corrosion induced fracture	2009	2011	Link
Sweden	Chalmers Tekniska Högskolan			David Fall	david.fall@chalmers.se	TailorCrete	2009	2012	
Sweden	Chalmers Tekniska Högskolan			Bo Li		Frostinducerad kloridinträngning i betong	2005	2011	
Sweden	Chalmers Tekniska Högskolan			Nelson Silva		Kritiska förhållanden för depassivering av armeringsjärn i betong utsatt för sträng miljö	2010	2015	
						Aging of cementitious materials for storage of nuclear waste	2010	2015	
Finland	Aalto University	S/M		Fahim Al-Neshawy	fahim.al-neshawy@tkk.fi	The reliability of integrated moisture sensors in building applications ==> title of the thesis: (Computerized prediction of the moisture and thermal originated deterioration of concrete facades)	2009	2011	

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Finland	Aalto University	M		Olli-Pekka Kari	olli-pekka.kari@tkk.fi	Comprehensive Model for Aging of Reinforced Concrete Structures in Final Disposal Conditions	2008	2015	
Finland	Aalto University	S/M		Marika Eik	marika.eik@gmail.com	Preliminary: Steel fibre-reinforced load-bearing concrete slabs	2010	2015	
Finland	Tampere University of Technology	M		Jukka Lahdensivu	jukka.lahdensivu@utu.fi	Working title: Present and future condition of Finnish concrete panel facades and balconies on the basis of 1500 condition investigations.	2008	2011	