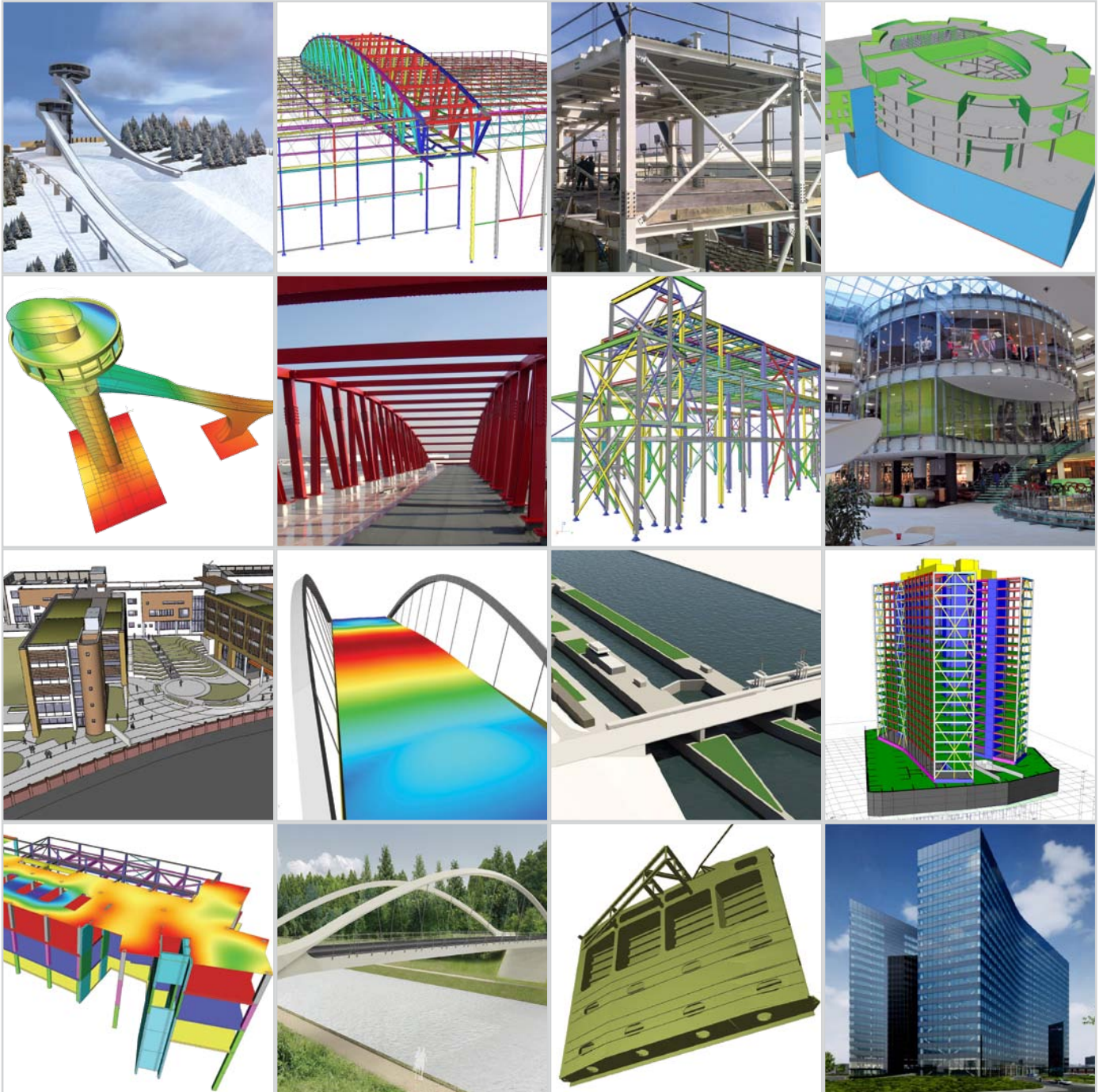


INVITATION



Scia Engineer Conference 2013 for building and civil construction



30/01/2013

Dipoli Congress Centre (Espoo)

Scia
Engineer

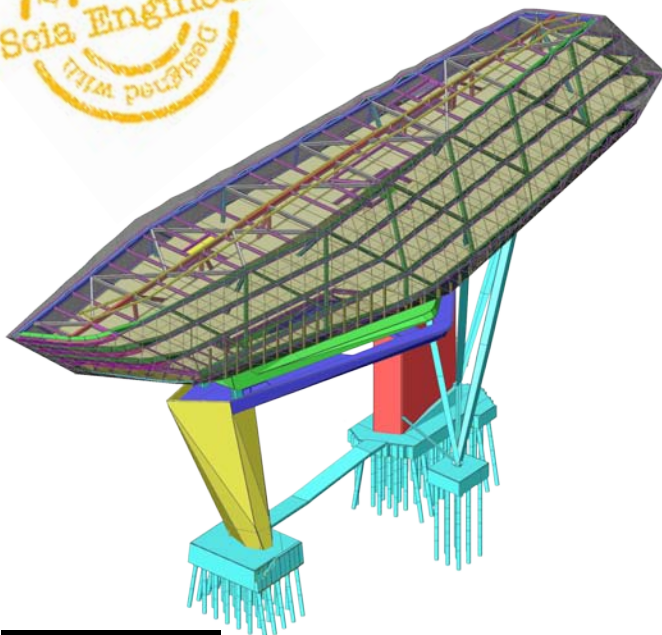
Structural Analysis Software

Open BIM software for analysis, Eurocode-design and optimization of all your structures.

How far dare YOU go?

Scia Engineer is a powerful, comprehensive and robust tool that helps structural engineers with the modelling, analysis and optimal design of steel, concrete, aluminium, timber, and composite structures in 1D, 2D, 3D and 4D. Eurocodes with National Annexes (incl. Finland) are integrated. The integrated optimization tools then help produce safe, economical and environmentally friendly designs.

General application for Buildings and Industrial structures	Specific functionality for Infrastructure
Statics, dynamics, 2nd order, large displacements, stability analysis ...	Automatic load combinations according EN1990 and EN 1991-2
Concrete, steel, timber, aluminum, steel-concrete composite	Traffic loads (convoys) and influence lines
Automatic loads (wind, snow, soil, earthquakes ...) and combinations	Linear and non-linear construction stages analysis
Reinforced concrete design and checking for beams, columns, slabs, walls and shells	Pre- and post tensioned constructions, with internal or external tendons
Detailed Eurocode checks for steel, fire resistance and optimization (incl. Finnish annex)	Graphical section input, incl. phased sections
Steel connections design (rigid, semi-rigid, pinned) and drawings	Time Dependent Analysis for precise long term losses, creep, shrinkage...
Customizable engineering report with input data and results, including code references	Dedicated concrete checks for bridges to EN1992-2
Open BIM interface (Allplan, Tekla, Revit) and DXF-DWG import-export	Cast in place, precast, steel, composite, girder, arched, bowstring, cable-stayed, viaducts, renovation...
Reliable technical support, by highly qualified engineers	



ZAHA HADID ARCHITECTS

Eurocodes

Commercial eurocode software acc. European commission

10★ Solution
EC1, EC1, EC2, EC3, EC4, EC5, EC6, EC7, EC8, EC9

182100 structural engineers affected by Eurocodes

8 Scia Engineer Editions
Concept, Professional, Expert, Eurocode starter, Eurocode starter+, FEM advanced, FEM dynamics, FEM statics

1506 nationally determined parameters in **58** parts of the eurocodes

14 National annexes supported

Belgium, The Netherlands, France, Czech Republic, Germany, Austria, Denmark, Finland, Greece, Ireland, Italy, Luxembourg, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

13 Languages in Scia Engineer
Czech, Dutch, English, French, German, Greek, Italian, Polish, Portuguese, Romanian, Russian, Slovak and Spanish

www.eurocodes-online.com

- ★ 51.293 unique visitors
- ★ 166.288 pageviews
- ★ Visitors from more than 24 countries


40 years since the beginning of design code unification

INVITATION

30th January 2013 Espoo - Dipoli Congress Centre

Invitation to the “Scia Engineer Conference 2013”

Program of the day

08:30	Welcome coffee	
09:00 – 09:30	Latest news from Nemetschek Scia & Introduction to the Scia vision and software solutions	
09:30 – 10:15	Scia Engineer solutions for Concrete Bridges	LIVE DEMO
10:15 – 10:30	Coffee break	
10:30 – 11:15	Lateral torsional buckling – an advanced approach	
11:15 – 12:30	What's new in the Scia Engineer 2012 release	
12:30 – 13:30	Lunch	
13:30 – 14:00	Client testimonial by A-Insinööri about the use of Scia Engineer	 A-INSINÖÖRIT
14:00 – 14:45	Scia Engineer solutions for the Steel construction	LIVE DEMO
14:45 – 15:15	Global optimization beyond cross-sections: genetic algorithms and more	
15:15 – 15:30	Coffee break	
15:30 – 16:00	The benefits of the improved cross section engine	
16:00 – 16:45	Update on the Open BIM tools and vision & Sneak preview on Scia Engineer 2013	
16:45	Questions & Answers	

Free 30-day try-out version and special conditions !

Participants who are not yet working with Scia Engineer will receive an access-code for a complete version of Scia Engineer, without limitations in functionality. During this period, you will have free access to our local support (in Finnish).

Registration by fax (00.32.13.55.41.75)

by mail to finland@scia-online.com

or online on www.nemetschek-scia.com/conference_finland

☐ **Yes, we participate to the “Scia Engineer event” on 30th January in Espoo !**

Company:

Activity:

Participant(s) name:

Function:

Phone:

Email-address:

- Deadline for registration is 18/01/2013.
- Participation is completely free of charge.
- If you cannot participate for unpredictable reasons after having registered, please send an email to the organizers. For cancellations made after 21/01/2013, we need to charge a service fee of 50,00 EUR.
- Places will be filled in by order of registration.
- After registration, you will receive a confirmation of your inscription and all further details by email.

Welcome to your world... and how Nemetschek Scia can improve it !



About Nemetschek Scia

Enabling Innovation in Construction

Founded in 1974, Nemetschek Scia is a software company headquartered in Belgium, which develops, markets and supports software products for structural engineering and structural analysis in the construction market. We can handle the complete construction cycle for any kind of structure, from design to fabrication and erection.

We continuously strive to inspire our customers to move their limits in designing, analysing and building any kind of structure – even the most audacious ones – while keeping their full creativity and effectiveness. Every day our partners rely on Nemetschek Scia to be successful and to address their real business challenges.



Open BIM

Nemetschek Scia is a member of the buildingSMART Alliance. It is the only Structural Analysis Software that is IFC 2x3 certified. Based upon a powerful 3D structural modeller engine with parametric forms, detailing views & drawings, it allows the design of industrial structure, infrastructure and low-to-high-rise buildings. The software has several international building codes integrated for the technical design and optimization of steel, concrete, timber, aluminum, ... multi-material constructions.

Nemetschek Scia in Figures

- 120 highly educated employees in 15 international branches & agencies
- International team (9 nationalities, 8 languages)
- Towards 40 years of experience
- Localized software (building codes) for 16 countries
- Software translated in 8 languages and distributed in more than 50 countries
- More than 8.000 licenses sold to more than 5.000 customers
- In the top 3 of worldwide companies in its specific market

Nemetschek Structural Group

Engineering software is the core business of Nemetschek, right from the start. Today the Nemetschek Structural Group has a broad Product Portfolio towards the structural and civil engineering market from design to fabrication.

Scia is member of the global operating Nemetschek Group. Together with Scia, Allplan, Graphisoft, Vectorworks, Maxon and many other companies like Frilo and Glaser, this organisation is the world's leading IT company in AEC for the design, construction and management of buildings and real estate. Nemetschek is at the front end of innovation to improve efficient and reliable engineering work in construction. Development is ongoing to realize a 3D Open BIM workflow in the fragmented construction industry, based on open standards and state-of-the-art software solutions on desktops, servers and the web.

Enjoy your discovery of Scia Engineer, and join our clients in adopting Nemetschek Scia technology for your engineering design work.