



The Swiss Chapter of the  
**International Council on Systems Engineering**

# SWISSED14

Please join us for:

## The Swiss Society of Systems Engineering Day 1<sup>st</sup> September 2014, ETH Zürich

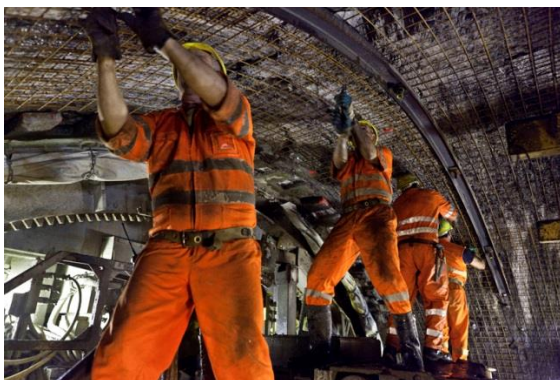
SWISSED14 is the first Annual Symposium of the Swiss Systems Engineering Society (SSSE), also acting as the Swiss Chapter of the International Council on Systems Engineering (INCOSE).

*Don't miss the opportunity. There is only one "first one". Let's make history together.*

We are offering a 1-day event bringing together first-class presenters and practitioners from across Europe, to share knowledge and experiences on how to plan, develop and manage systems in an efficient and successful way.

### Systems Engineering (SE):

- enables identification of requirements
- is key to realising integration, verification and validation
- provides a structured and auditable approach
- supports interface management
- manages risks
- optimises system lifecycles
- takes an overarching perspective
- considers the whole system
- fosters an interdisciplinary approach



### You are invited to benefit from:

- International keynote speakers
- Four tracks with presentations, workshops and tutorials
- Networking and knowledge sharing opportunities

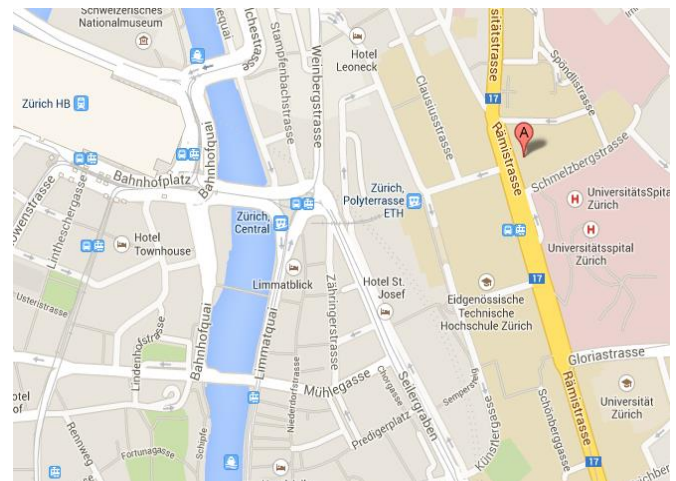
**Prices:** Benefit from our early bird discount until 30th June 2014

	Until 30/6/14	From 1/7/14
<b>Students</b>	CHF 20	CHF 40
<b>SSSE members</b>	CHF 100	CHF 150
<b>Non-members</b>	CHF 150	CHF 200

All prices include lunch and light refreshments

**Venue:** ETH Zürich, Gebäude LFW, Universitätstrasse 2, 8092 Zürich

You can easily reach it from Zürich HB (tram 6, 10 to ETH/Universitätsspital)



link to [map LFW](#)

## Programme

We will be covering subjects including:

- Systems Thinking, Decision Management and Concurrent Engineering
- Requirements Management, Verification and Validation and Systems Architecting
- Model-Based Systems Engineering

We have internationally recognised speakers including:

- Professor Patrick Godfrey ESEP; Director of the Bristol University Systems Centre, UK
- Alan Harding; President-Elect INCOSE
- Professor Mike Henshaw, Engineering Systems of Systems Group, Loughborough University
- Colin Hood, Colin Hood Systems Engineering Limited

SWISSED will be held in conjunction with the Southern Systems Engineering Tour (SESE).

<http://sese.aeis-incose.org/>

All presentations will be held in English although many of the presenters are fluent in German. Visit [www.ssse.ch](http://www.ssse.ch) for further programme information as it matures.

**To register please email:** [swissed@ssse.ch](mailto:swissed@ssse.ch)

**To become a member of the SSSE email:** [info@ssse.ch](mailto:info@ssse.ch) (membership INCOSE / SSSE for one year: USD 135)

## Who will benefit from attendance?

- Those working with complex systems
- Those who want to find out how Systems Engineering can be of use to them
- Organisations looking to be able to generate innovative solutions to technical problems
- Practitioners needing to keep up to date with the latest developments in Systems Engineering or wanting to participate actively in the evolution of the discipline
- Students who want to further their knowledge and employment perspective

The conference gives industry, organisations, educators, researchers, and government the opportunity to learn about cutting edge practice and research, share experiences, and network.

This symposium is right for you if you are, for example, a Systems Engineer, Technical Project Manager, Lead Architect, Chief Engineer, Requirements Engineer, Business Analyst or simply ... the person who seems to know everything about the project!

**About INCOSE:** The International Council of Systems Engineering (INCOSE) is a not-for-profit membership organisation founded to develop and disseminate the interdisciplinary principles and practices that enable the realisation of successful systems. INCOSE has grown significantly since its formation in 1990. Today, there are over six thousand members representing a broad spectrum – from student to senior practitioner, from technical engineer to programme and corporate management, from science and engineering to business development. Members work together to advance their technical knowledge, exchange ideas with colleagues, and collaborate to advance systems engineering.

**About SSSE:** The SSSE was formed in 2011 and is a group of highly active Engineers from a broad range of industries all with a shared passion for doing Systems Engineering more effectively and efficiently. Past presentations from events are online at <http://www.ssse.ch/events/past>.

## SWISSED14 Draft Programme

The Programme is still being finalised – below is a preview. We are pleased to have a broad coverage of topics. Please check the website for programme updates.

	Track 1	Track 2	Track 3	Track 4
08:00	Doors open, Registration, Coffee			
08:50	Welcome & Introduction by the SSSE President			
09:00	Keynote 1 <i>Systems Engineering</i> <b>Michael Henshaw</b> Loughborough University <i>Systems of Systems Engineering – a Problem for Systems Engineers?</i>			
09:55	Coffee + Tea			
10:20	Talk <i>Lean Engineering</i> <b>Blaise Rey-Mermet</b> Evocean GmbH	Talk <i>Ergonomics</i> <b>Lorenz Born</b> <b>Christopher Müller</b> Schweizerische      Die Ergonomen Bundesbahnen SBB      Usability AG	Workshop <i>Process</i> <b>Martin Becker</b> Fraunhofer IESE	Tutorial <i>Systems Engineering</i> <b>Dieter Scheithauer</b> Airbus Defence and Space
10:55	Talk <i>Model-Based SE / Architectures</i> <b>Marcel Frikart</b> FRIKART Engineering GmbH	Talk <i>Group Dynamics</i> <b>Andreas Koschak</b> Parametric Engineering	Variant Management for Software-intensive System Families	Leading Systems Engineering Narratives
11:30	Lunch			
13:00	Talk <i>Systems Engineering</i> <b>David Endler</b> <b>Daniel Steffen</b> Freelance SE Consultant      Unity AG <b>Alexander Lohberg</b> <b>Florian Munker</b> University Duisburg-Essen      IPEK	Talk <i>System Safety</i> <b>Marco Geering</b> RUAG Aviation	Workshop Part 1 <i>MBSE / Architectures</i> <b>Ian Gibson</b> Jacobs UK Ltd – Technology & <b>Kevin Howard</b> AGT International	Workshop <i>Systems Engineering</i> <b>Andrew Travers</b> Travers Search
13:35	Talk <i>Systems Engineering</i> <b>Thomas Hott</b> Vesdo	Talk <i>Systems Engineering</i> <b>Alan Harding</b> BAE Systems	Saving the Earth using Enterprise Architecture!	Marketing yourself as an Engineer
14:10	Coffee + Tea			
14:35	Keynote 1 <i>Systems Engineering</i> <b>Patrick Godfrey</b> University of Bristol Systems Centre <i>Decision Management (tbc)</i>			
15:30	Talk <i>Model-Based SE / Architectures</i> <b>Steve Hitchens</b> PA Consulting	Talk <i>Requirements</i> <b>Jeremy Dick</b> integrate systems engineering ltd	Workshop Part 2 <i>MBSE / Architectures</i> <b>Ian Gibson</b> Jacobs UK Ltd – Technology & Defence <b>Kevin Howard</b> AGT International	
16:05	Talk <i>Model-Based SE / Architectures</i> <b>Andreas Korf</b> <b>Jeremy Tweedie</b> Atego Systems GmbH	Talk <i>Requirements</i> <b>Colin Hood</b> Colin Hood Systems Engineering	Saving the Earth using Enterprise Architecture!	
16:40	Coffee + Tea			
17:05	Talk (SESE) <i>Integration</i> <b>Jose M. Alvarez</b> Universidad Carlos III de Madrid	Talk (SESE) <i>Requirements</i> <b>Jose Fuentes</b> The REUSE Company	Talk (SESE) <i>MBSE / Architectures</i> <b>Marco Ferro Gallini</b> ALTRAN	
17:40	Talk (SESE) <i>Knowledge Management</i> <b>Juan Llorens</b> AEIS	Talk (SESE) <i>Requirements</i> <b>Gauthier Fanmuy</b> AFIS		
18:15	Student Prize Handout Closing			
18:30	Final Coffee + Tea			
19:00	We will organise a restaurant reservation in town for those who want to network some more!			