

4th September - Lake Side, Zürich

SWISSSED17

SWISS Systems Engineering Day



SSSE

Conquering

Complex

Conundrums

Through

Systems

Engineering

Education



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ABOUT SWISSED

SWISSED17 is the fourth Annual Symposium of the Swiss Society of Systems Engineering (SSSE), also acting as the Swiss Chapter of the International Council on Systems Engineering (INCOSE).

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.



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SUBMISSION CATEGORIES

- DEFENSE AND AEROSPACE
- SAFETY
- TRANSPORT
- MEDICAL DEVICES
- MBSE
- DIVERSE SE TOPICS



SYSTEMS ENGINEERING

- ENABLES KEY IDENTIFICATION OF **REQUIREMENTS**
- 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**

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WHO SHOULD ATTEND?

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

Those working with 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.

- **Systems Engineers**
- **Technical Project Managers**
- **Lead Architects**
- **Chief Engineers**
- **Requirements Engineers**
- **Business Analysts**

or simply ... the person who seems to know everything about the project!

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KEY NOTE

SPEAKERS

Joseph Kasser

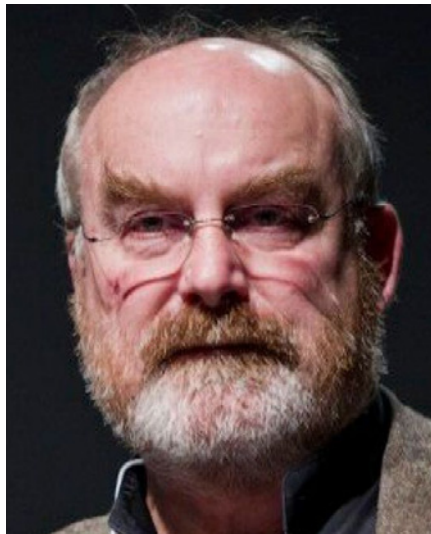
Professor of systems thinking, systems engineering and innovation & technology management at the National University of Singapore.

Fellow

International Council on Systems Engineering

Cranfield University

Visiting professor



Dave Snowden

Founder and Chief Scientific Officer at Cognitive Edge

Director

Cynefin Centre IBM

Director Institute for Knowledge Management

IBM

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PROGRAMME











	ROOM 1	ROOM 2	ROOM 3	ROOM 4
7:45	Doors Open, Registration & Refreshments			
08:00				
09:00	ASEP / CSEP Exam	Dieter Scheithauer <i>Requirement Engineering Revisited</i>	Andreas Trautmann <i>Encouragement for Systems Engineers</i>	Marc Zeller <i>Development of complex safety-critical systems using model-based safety engineering: An industrial perspective</i>
09:40		Eckhard Jokisch <i>Specification - the Everyday Madness</i>	Bernard Rygaert <i>Key Aspects for Successful Systems Engineering</i>	Alessandro Busachi Ceng Mimeche & Co. <i>Modelling Applications of Additive Manufacturing in Defence Support Services for the Royal Navy</i>
10:20		Thomas Dr. Hott <i>The foundation stone for project success : The system-oriented WBS, devised by a lead systems engineer</i>	Niels Malotau <i>How Systems Engineers learnt to meet all deadlines</i>	Andreas Korff and Claudio Zuccaro <i>How to design product lines by means of MBSE</i>
10:55	REFRESHMENTS			
11:15	Welcome & Introduction by SSSE President (ROOM 2)			
11:25	Keynote Speaker: Dave Snowden (ROOM 2)			
12:20	LUNCH			
13:40	Keynote Speaker: Joe Kasser (ROOM 2)			
14:35	Gael F. Close & Co. <i>Practical Systems Engineering for Microsystems Development: a Toolbox for Design, Verification and Industrialization</i>	Patrick Link and Michael Lewrick <i>Combination of Design Thinking and System Thinking to handle complexity in early stage innovation projects</i>	Stefan Eisenring <i>Successful Outsourcing in Medical Device Industry</i>	Markus Schacher and Rolf Gubser <i>Model-based Engineering of Product Lines</i>




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	ROOM 1	ROOM 2	ROOM 3	ROOM 4
15:15	Andreas Poller <i>A conceptual framework for implementing deep geological disposal of radioactive waste using object-process methodology (DPM)</i> 	Sonia Ben Hamida <i>Innovate by Designing for Value</i> 	Dr. David Endler <i>Safety Assessment for Medical Test Lab</i> 	David Almer and Tatiana Palladini <i>Model Based Systems Engineering overview and practices</i> 
15:50	REFRESHMENTS			
16:05		Alexander Stein and Tim Weikiens <i>Agile for Systems Engineering - 3 Things you can Take Away</i> 	Maik Auricht and Ital Bolliger <i>Digital Transformation in the Medical Device Business</i> 	Aiste Aleksandraviciene and Aurelijus Morkevicius <i>An Approach: Model-Based Requirements Engineering</i> 
16:45		Matthias Heinz & Co. <i>Modeling "Agile" at Bombardier Transportation</i> 	Christoph Zinn <i>How the Complexity of In-Vitro Diagnostic Medical Devices can Pose Challenges for Development Projects</i> 	Colin Hood <i>Software are not the only Fruit: Modelling Mechatronic Systems</i> 
17:20	STUDENT PRIZE AND CLOSING			
	APÉRO			

	SE PRAGMATISM		SYSTEMS MODELLING
	SE METHODOLOGIES		AGILE
	DESIGN THINKING & SE		MEDICAL
	SE EXPERIENCE		

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COST AND PRICES

Lunch and refreshments included

	EARLY BIRD (UNTIL 31ST JULY)	REGULAR
STUDENTS	CHF 20	CHF 40
SSSE MEMBERS	CHF 100	CHF 150
NON-MEMBERS	CHF 150	CHF 200

GROUP OFFER: PURCHASE 5 TICKETS FOR THE PRICE OF 4!
(Ideal for corporate events and training)

All presentations will be held in English although many of the presenters are fluent in German. Visit www.ssse.ch for further programme information as it matures.

To register please go to:
<http://www.ssse.ch/node/371>
For all queries and to become a member of the SSSE please email:
swissed@ssse.ch
(INCOSE/SSSE 1 year membership: USD 135)



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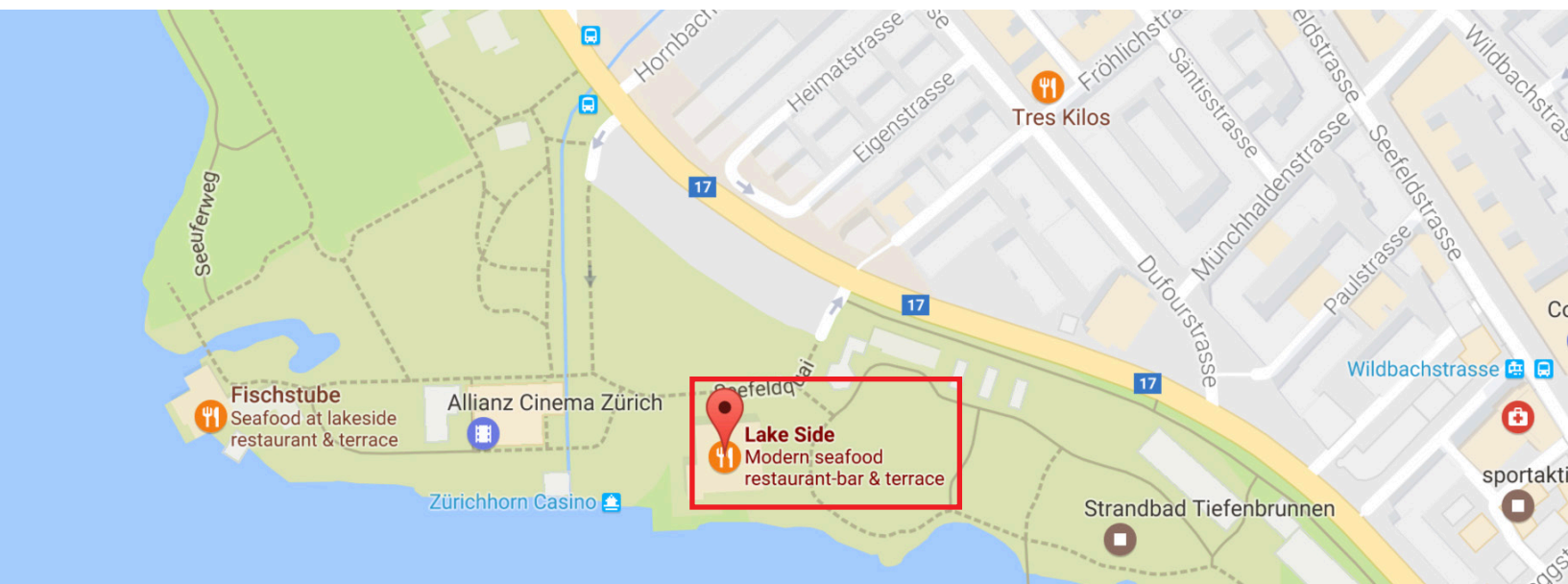
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VENUE

HOW TO GET THERE



ARRIVAL BY CAR

Car park available directly opposite Lake Side restaurant



ARRIVAL FROM ZÜRICH AIRPORT

By train SBB to Zürich HB



ARRIVAL FROM ZÜRICH HB

*Tram 2 or 4 to Fröhlichstrasse
Bus 912 or 916 to stop Chinagarten*

LAKESIDE, ZÜRICH

*Bellerivestrasse 170,
8008 Zürich, Switzerland*

*+41 44 385 86 00
welcome@lake-side.ch*

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