



Please join us on the next INCOSE Webinar

When

Thursday September 9th 2021 from 11am-noon EDT (3pm – 4pm UTC)

Topic

“INCOSE President-Elect Candidates Present their Position Statements”

Moderator

Paul Schreinemakers

Abstract

In September/October, we will choose INCOSE’s next President-Elect who serves two years before becoming INCOSE’s President for 2024 and 2025. Before casting your vote, learn more about the candidates Ralf Hartmann and Tom Strandberg. Hear their visions for INCOSE and listen as they respond to questions. During this hour webinar, both candidates will offer brief introductory remarks before answering prepared questions from the moderator as well as your questions from the audience.

Biographies (alphabetic order)

Ralf Hartmann



Ralf Hartmann was until recently the Head of Airbus Group Systems Engineering Governance and VP Technical Advisor for “Digital Design, Manufacturing and Service” (DDMS) within the Digital Transformation Office (DTO) at Airbus Defense & Space. He will now retire from Airbus in December 2021.

The mission of the Systems Engineering Governance is to ensure maximum harmonization and full consistency at strategic, process, methodology and competency level across the Airbus group and to ensure application to key projects. The scope of DDMS is to ensure the overall multidisciplinary digital integration of all domains along the full lifecycle.

Ralf joined the DTO office of Airbus Defense and Space in July 2017 where he created and led the DDMS organization until March 2019. Before he worked in Space Systems for 30 years in the area of robotics, automatic control, simulation, S/W development and primarily Systems Engineering. In this period, he held various positions as Director and Manager of international engineering organizations. 2013-2014 he served as member of the supervisory board of Astrium GmbH.

Highlights in Ralf’s Systems Engineering related career include the implementation of a comprehensive Systems Engineering Qualification Program and the Satellite Design Office, a concurrent engineering design centre, which he was leading for some years. Furthermore, Ralf was one of the key authors of the European Space Systems Engineering Standard (ECSS-E10). Along his whole career he was an engaged evangelist and promoter of Systems Engineering, the digital transformation and especially its combination.

Ralf received a Diploma in Electrical Engineering from the University of Karlsruhe and he is a certified project management professional (GPM/IPMA).

Ralf Hartmann is an active and engaged INCOSE member since 1996 and a founding member of GfSE, the German Chapter of INCOSE. Selected milestones of his engagement within INCOSE include:

- President of GfSE (German Chapter) in 2000
- Chair of the 2nd European SE Conference in 2000
- Co-Chair of the Standards Technical Committee from 1998 until 2000
- Co-chair of the 14th INCOSE International Symposium in 2004.
- Co-chair of the Modeling and Tools Technical Committee from 2000 until 2005
- Selected as an INCOSE Fellow in 2005
- INCOSE Head of Delegation in the Intergovernmental Group on Earth Observations (GEO) from 2005 until 2008

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- Recipient of the prestigious INCOSE Founders Award in 2008
 - INCOSE Director for Strategy from 2008 until 2014. Sponsorship of the actual SE Vision 2025 in this period.
 - Recognized as full member of the Omega Alpha Honor Society for Systems Engineering in 2019

Since 1998 until 2020 continuous member of the CAB as representative for Airbus Defense and Space and its predecessor companies.

Tom Strandberg



Tom Strandberg is a Board Member of Syntell AB and its Principal Systems Engineering Consultant. He is also the Manager of Syntell Academy. Over the last 25 years Tom has successfully built the Systems Engineering business at Syntell and contributed to an active SE community in the Nordic countries. He has held leading positions within INCOSE and is dedicated to its mission.

Tom was introduced to “systems” already in 7th grade by his teacher in biology. Coupled with an interest in engineering brought him to university studies in systems engineering at Royal Institute of Technology (KTH) in Stockholm, Sweden. Eager to learn more he applied for a Fulbright Scholarship for studies in SE at Virginia Tech, USA under the guidance of SE pioneers Ben Blanchard and Wolt Fabrycky.

The professional career started at the Transport Research Institute in Stockholm, working on projects related to pan-European fleet management systems, lifecycle costing of intermodal terminals and truck platooning solutions.

An interest in applying Systems Engineering in development aid brought Tom to the UN agency International Labour Office (ILO) in Geneva. For five years he worked on a program to enhance transportation systems beyond building roads in rural areas in Africa and Asia. Using a systems approach, an integrated rural accessibility planning methodology for local governments was developed that better identified the right problem and appropriate solutions from a PESTLE perspective. He was instrumental in the development of the global network International Forum for Rural Transport and Development.

Since 1995 Tom has worked for Syntell AB, a Subject Matter Expert consulting company based in Stockholm. He has been active in building the company with a special focus on systems engineering services.

As a consultant he helps clients to develop their capability to lifecycle manage complex systems. Tom has had the benefit to work with many different international companies and authorities within aerospace and defense, automotive, Healthcare/medtech, transportation and process industry.

Tom is also a trainer in Systems Engineering and the manager of Syntell Academy which provides training courses including the yearly Summer School Week on Systems Engineering since 1999. He manages close collaboration with academic institutions in both training and research projects.

In 1998, Tom attended his first INCOSE International Symposium and he has since served several leadership positions. He was the Region III Director (EMEA) 2000-2001, founding member of INCOSE Sweden 2000 and its president 2002-2003 and later 2014-2015. He held a position as INCOSE Assistant Director for Industry Outreach 2014-2016.

Tom was active in the development of the ISO/IEEE/IEC 15288 Systems and Software Engineering standard and worked closely with its architect, Harold “Bud” Lawson. He passed the CSEP exam in 2008 and is currently working on his Expert Systems Engineering Professional (INCOSE ESEP) application.

As a summary, Tom likes to build things and relationships. Professionally, this means organizational competence and networks. Privately, the focus is on the family and friends, the country house, and the current sailing team.

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<https://www.incose.org/systems-engineering-certification/certification-faqs>

Regards,
Andy Pickard
Rolls-Royce Representative, INCOSE Corporate Advisory Board,
Andrew.C.Pickard@rolls-royce.com

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