

HIISS 2015

High Integrity Systems Symposium

June 3, 2015, Simula Research Laboratory, Oslo, Norway

Welcome!

- second edition of the High Integrity Systems Symposium
 - increasing need for everyday applications to demonstrate *reliability, robustness, safety, security and maintainability*
 - *efficiently addressing such high integrity concerns is one of today's key engineering challenges*
 - efforts in this direction scattered over various domains
- bring together practitioners and researchers to meet and discuss high integrity system engineering
 - what is the *state-of-the-art* and the *state-of-the-practice*
 - identify *needs*, open *challenges* and *opportunities*
 - seed potential *collaborations*
 - *high integrity systems engineering on political & funding agenda*

HISF

High Integrity Systems Forum

A network for practitioners and researchers interested
in High Integrity Systems Engineering in Norway

sign up at <https://high-integrity-systems.no/forum/>



Proposed Statutes

Mission

- purpose of the high integrity systems forum (HISF) is to create effective awareness for the need of high integrity systems
- membership is open for anyone interested, whether individuals, companies or organisations.

Activities

- promote research and technologies aimed at increasing take-up of high integrity in systems development.
- promote awareness among general public, ICT industry, academia and decision makers.
- run a website, blog, mailing list, and annual High integrity Systems Symposia
- website, the blogs and the symposia are openly accessible.
- Members can publish blogs and participate in email discussions on HISE
- members may provide public profiles on the web pages.

Structure

- HISF is administered by a self-recruiting steering committee.
- statutes will be updated in consultation with the members

HIS 2015 at a glance

- 9 speakers
 - 2 keynotes
- 35 registered participants
 - 20 different organizations
- fishbowl panel, networking reception, symposium dinner
- would not have been possible without our sponsors!



The Research Council
of Norway

[simula . research laboratory]
- by thinking constantly about it

Certus
Centre for Software Verification & Validation

IFE
Institute for Energy Technology

 Bergen
Language
Design
Laboratory



Exciting program

- full details at <https://high-integrity-systems.no/>
- talks from wide range of domains
 - communication infrastructure
 - oil and gas
 - automation
 - aviation
 - e-government
 - rail
 - energy
 - healthcare
- invite to think how topic of talk would apply in your area
 - ask questions & share insights after talk
 - larger / more controversial discussions: panel at end of day
- panel: *fishbowl* discussion
 - speakers are initial panelists
 - one open seat: you can join the panel
 - once you do, one of other panelists has to leave



Practicalities

- wireless network 'SRL Guest'
 - register with name and phone number, get password via SMS
- twitter: **#hiss15**
- coffee breaks & lunch served in back of this room
- restrooms

