2020
Annual **INCOSE**
international workshop
Torrance, CA, USA
January 25 - 28, 2020

Human Systems Integration

www.incose.org/IW2020

Human Systems Integration

CHAIR

Guy Andre Boy (guy-andre.boy@centralesupelec.fr)

MEMBERS

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INCOSE CONNECT ADDRESS

INCOSE WEB PAGE

https://www.incose.org/incose-member-resources/working-groups/analytic/human-systems-integration

Charter Summary

WG PURPOSE/MISSION

Human Systems Integration (HSI) is the interdisciplinary technical and management process used to ensure that the human elements of a system are appropriately addressed and integrated throughout the wider systems engineering lifecycle and management approach to a project.

Integrate Technology, Organizations & People in Systems Engineering Practice

WG GOAL(S)

HSI is a vital part of the Systems engineering effort, i.e., we need to move HSI from a ?side effort? to a central part of systems engineering and development.

Integrate Systems Engineering and Human-Centered Design during the whole Life Cycle of a Human-Machine System

WG SCOPE

Address practices in Design and Engineering
Certification and Legal Issues
Product Usages and Maintenance

IW Outcomes

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IW Outcomes

INCOSE HSI for the next two years?
Consolidate cooperation with IEA, ACM and IEEE
Set-up a recurring webinar on HSI
Have HSI Session(s) at IS2020
Organize HSI2021
HSI workshops Fall 2020
HSI chapter for SE Handbook
Maintain HSI webpage?

Planned Work past IW

PLANNED ACTIVITIES

Chapter for future SE Handbook

- After IW2020, first draft review (email)
- April 6-7, 2020: Workshop at Continental, Frankfurt, Germany
- Second review (email)
- Beginning of July 2020: second draft
- IS2020, Cape Town: meeting
- Third review (email)
- Dec 2020: shareable draft

HSI workshop 2020 in Haifa, Israel, October
Participation in IEA 2021 World Congress to be held in June 2021 in Vancouver, Canada
HSI2021 conference: planned in California in October 2021 in cooperation with IEA and ACM

PLANNED WORK PRODUCTS

Sharable draft of Chapter for future SE Handbook
Papers at IS2020