



2019

Annual **INCOSE**
international workshop

Torrance, CA, USA

January 26 - 29, 2019

Systems Security Engineering

www.incose.org/iw2019

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CHAIR

Rick Dove (dove@parshift.com)

MEMBERS

138

CO-CHAIRS

Ken Kepchar (eagleview2@cox.net)

Keith Willett (keith@kwillett.com)

Beth Wilson (wilsondrbeth@aol.com)

INCOSE CONNECT ADDRESS



<https://connect.incose.org/WorkingGroups/SystemsSecurityEngineering/Pages/Home.aspx>

INCOSE WEB PAGE



<https://www.incose.org/incose-member-resources/working-groups/analytic/systems-security-engineering>

Charter Summary



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WG PURPOSE/MISSION

Identify effective system security principles consistent with new reality, and integrate responsibility into the SE community.

WG GOAL(S)

- SE responsibility for system security.
- SE influence on security and standards.
- SE concepts for next gen security.
- International engagement.

WG SCOPE

System Engineering enablement of next generation system security strategies: adaptive, resilient, evolutionary.

IW Outcomes



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IW Outcomes

- Attendance was 15 people in person and five people on line through GlobalMeet.
- Five attendees were first-timers to the working group, three new to INCOSE.
- All past, open, and new projects were reviewed.
- Co-chair Keith Willett announced his acceptance to attend school as ABET program evaluator.
- Initiated new project to produce a short video on the working group, as requested by TechOps.
- Initiated new project to work on SE Hand Book revisions in appropriate sections.
- Met with Hand Book revision editors for planning guidance.

Planned Work past IW



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PLANNED ACTIVITIES

- INSIGHT Theme issue project for 2020Q2 will issue call-for-articles right after IS19. POC: Beth Wilson.
- Collaboration with NDIA project on Continuous Iterative Development security needs has started. POC: Beth Wilson.
- Planning for a joint NDIA/IEEE/INCOSE SSE symposium for March 2020 is in process. POC: Beth Wilson.
- With ABET undergraduate curriculum criteria approved, this working group will provide Keith Willett as curriculum evaluator. POC: Keith Willett.
- Collaboration with Resilience working group plans to produce
- Hand Book revision will be in planning phase during 2019 to add SE Roles & Responsibilities to section 10.11 and to sprinkle security attention needs throughout various processes in the Hand Book. POC: Perri Nejib and Dawn Beyer.
- Active involvement in security standards work continues. POC: Ken Kepchar.
- A joint project for security in Product Line Engineering with the PLE WG continues, with intentions to produce various articles for the planned/scheduled INSIGHT 2020Q2 issue. POC: Beth Wilson.
- Book Chapter in collaboration with Resilient Systems WG in process. POC: Keith Willett.
- SEBOK revisions on Resilient Systems in collaboration with Resilient Systems WG in process. POC: Keith Willett.
- Project to produce a short video on the SSE WG was opened and will be attended to in 2019. POC: Bruce Hecht.

PLANNED WORK PRODUCTS