Final notes...

COST

“STPA: 300 causal scenarios”

FMECA on Space shuttle → 40,000 critical items (without including software)

Avionics system – 2200 pages of fault trees!
Final notes...

COST

1) Why do people get less from traditional techniques?
   • They ignore hazards by determining early that they are not “creditable” and the risk is low
   • We have found critical scenarios for these hazards!

2) In a top-down technique (like STPA) we can stop when we find an “acceptable solution”
   • May not have to go to more detailed ““causes” or “causal scenarios”
Final notes...

**SCALABILITY**

**STPA** is being done on systems today for which *traditional techniques are impossible* or *impractical*

*e.g. US Missile Defense System*
European STAMP Steering Board (ESSB)

The primary responsibility of the ESSB is the following:

- Ensure the continuity, quality and merit of the annual European STAMP Workshops
- Decide on future ESW hosts
- Ensure the ESW website properly maintained and up to date
- Maintain cooperation with MIT Complex Systems Research Laboratory

More information: www.stamp-workshop.eu
Reykjavik University and STIKI will be hosting the 5th European STAMP Workshop 2017 in Reykjavik, Iceland, in collaboration with the MIT Partnership for a Systems Approach to Safety.
Dates:

Wed. Sept. 13 2017:
Introduction and Tutorials

Thu. & Fri. Sept. 14-15 2017:
Talks and Presentations

Sat. & Sun. Sept. 16-17 2017
Sightseeing – Optional
Welcome to Iceland

More Information:
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In this video you find information about sustainable energy in Iceland and related studies at the Reykjavik University
Many Thanks to

the keynote speakers:
• Nancy Leveson
• Ortwin Renn

the IAMP and organizing team:
• Christian Hilbes
• Sven Stefan Krauss
• Teresa D’Onghia
• Esther Spiess
• Christian Sommer
• Christof Brunner
• Christoph Senn
• Monika Reif
• Ruedi Sennhauser
• Dirk Nordt

the program committee:
• ...
• Robert Jan de Boer
• Ioannis Dokas
• Alan Hochberg
• René Hosse
• Nektarios Karanikas
• Nancy Leveson
• Lorena Pelegrin
• Stefan Wagner

the Swiss Society of Systems Engineering

the many people presenting their work

all of you for coming and participating