

TECHNOLOGY FOR SAFER WORLD

The European STAMP Digital Workshop and Conference

21 October – 22 October 2020

Start time: 14:00 BST / End time: 17:00 BST

Moderator: Dr Siddartha Khastgir

Draft agenda

Day 1

Time	Presentation	Speaker
14:00 – 14:10	Welcome and introduction to WMG	Dr Dave Mullins, WMG
14:10 – 15:10	Introduction to Systems-Theoretic Accident Model and Processes	Dr John Thomas, MIT
15:10 – 15:20	Q&A	
15:20 – 15:50	Virtual Button and Human Machine Interface (HMI) System Safety Evaluation Using STPA	Mark Vernacchia and Jesse Johnston, General Motors, USA
15:50 – 16:00	Q&A	
16:00 – 16:30	OpenAPS: STPA of an Open Source Medical Device	Shaun Mooney, Codethink
16:30 – 16:40	Q&A	
16:40	<i>Close for the day</i>	Dr Siddartha Khastgir

Day 2

Time	Presentation	Speaker
14:00 – 15:00	Test scenario generation using STPA (Level 4 case study)	Dr Siddartha Khastgir, WMG
15:00 – 15:10	Q&A	
15:10 – 15:40	Lessons learnt from applying STPA/CAST to an autonomous UAV programme	Dr Mark Chattington and Rachel Craddock, Thales
15:40 – 15:50	Q&A	
15:50 – 16:20	SOTIF and FuSa STPA for a Highway Pilot Function of a passenger car	Nino Gabriel, Ansys
16:20 – 16:30	Q&A	
15:30 – 16:00	<i>tbc</i>	<i>tbc</i>
16:00 – 16:10	Q&A	
16:10 – 16:20	Closing remarks	Prof Paul Jennings, WMG