PROPOSED JOINT PROGRAM of the ASSURE & SASSUR 2023 WORKSHOPS

08:00– 09:00: *Registration*

09:00 – 09:05: *Introductions from ASSURE & SASSUR chairs*
09:05 – 09:30: Keynote (TBC) (Philippa Ryan Conmy)
09:30 – 10:00: Keynote (Cont'd.) (Philippa Ryan Conmy)

10:00 – 10:30: Coffee Break

10:30 – 11:00: Driving the Development Process from the Safety Case (Invited Talk, *Speaker to be announced*)
11:00 – 11:30: Computer-aided Generation of Assurance Cases (*T.E. Wang, C. Oh, M. Low, I. Amundson, Z. Daw, A. Pinto, M.L. Chiodo, G. Wang, S. Hasan, R. Melville, P. Nuzzo)*
11:30 – 12:00: RACK: A Semantic Model and Triplestore for Curation of Assurance Case Evidence (*A. Moitra, P. Cuddihy, K. Siu, D. Archer, E. Mertens, D. Russell, K. Quick, V. Robert, B. Meng)*

12:00 – 13:00: Lunch Break

13:00 – 13:30: Using Assurance Cases to Prevent Malicious Behaviour from Targeting Safety Vulnerabilities (*V. Bandur, M. Lawford, S. Mosser, R. Paige, V. Pantelic, A. Wassyng)*
13:30 – 14:00: Constructing Security Cases Based on Formal Verification of Security Requirements in Alloy (*M. Zeroual, B. Hamid, M. Adedjouma, J. Jaskolka)*
14:00 – 14:30: Assurance Cases for Timing Properties of Automotive TSN Networks (*R. Kapinski, V. Pantelic, V. Bandur, A. Wassyng, M. Lawford)*
14:30 – 15:00: A Methodology for the Qualification of Operating Systems and Hypervisors for the deployment in IoT devices (*I. Bicchierai, E. Schiavone, M.L. Itria, L. Falai, A. Bondavalli)*

15:00 – 15:30: Coffee Break

15:30 – 16:00: Toward Dependability Assurance Framework for Autonomous Systems (*Y. Matsuno, T. Takai, M. Okada, T. Tsuchiya)*
16:00 – 16:30: NASA's Safety, Reliability, and Mission Assurance Digital Future (Invited Talk – *Speaker to be announced*)

WORKSHOP CONCLUSIONS