MONDAY, MAY 7

TIME	TITLE	SPEAKER	PAGE
0800 - 1630	**REGISTRATION**		
0900 - 1000	**KEYNOTE PRESENTATION** Assured Autonomy	*Sandeep Neema* *(DARPA)*	11
1000 - 1030	Data-driven Safe Control of Nonlinear Systems	*Susmit Jha* *(SRI International)*	12
1030 - 1100	**BREAK**		
1100 - 1130	Using Formal Methods to Reason About Neural Network Based Autonomous Systems	*Stephen Magill* *(Galois, Inc.)*	14
1130 - 1200	Towards Formally Verified Deep Neural Networks	*Clark Barrett* *(Stanford University)*	16
1200 - 1330	**LUNCH (ON YOUR OWN)**		
1330 - 1415	Growing Risk of Cyber Attacks	*Vinh Nguyen* *(ODNI)*	18
1415 - 1500	**POSTER SESSION AND BREAK**		50
1500 - 1530	Intrusion and Anomaly Detection in Autonomous Vehicle Systems	*Sam Lauzon* *(University of Michigan -* *Transportation Research Institute)*	19
1530 - 1600	The KeYmaera X Theorem Prover: Hybrid Systems Verification and Verified Runtime Validation	*Stefan Mitsch* *(Carnegie Mellon University)*	21
1600 - 1630	Safe Pointers and Verifiable Automatic Heap Management without Garbage Collection	*S. Tucker Taft* *(AdaCore)*	24
1630	**ADJOURN FOR THE DAY**		

TIME	TITLE	SPEAKER	PAGE
0800 - 1630	**REGISTRATION**		
0900 - 1000	**KEYNOTE PRESENTATION** A Four Pillar Improvement Strategy to Qualification of Embedded Software Systems	*Peter H. Feiler (Software Engineering Institute)*	26
1000 - 1030	Perspectives on Applying the Safety Case Approach for the Assurance of Complex Heterogeneous Systems	*Ewen Denney (SGT / NASA Ames)*	27
1030 - 1100	**BREAK**		
1100 - 1130	Principles of Layered Attestation	*Paul Rowe (The MITRE Corporation)*	29
1130 - 1200	Architecture-Driven Assurance for Model-Based Systems Engineering	*Darren Cofer (Rockwell Collins)*	30
1200 - 1330	**LUNCH (ON YOUR OWN)**		
1330 - 1415	The Future of Cyber-autonomy	*David Brumley (ForAllSecure/CMU)*	32
1415 - 1500	**POSTER SESSION AND BREAK**		50
1500 - 1530	Model-based System Certification – A Vision	*Jérôme Hugues (ISAE Supaero)*	33
1530 - 1600	VeriCores: Cyber-Instrumenting Devices Built from Verified Components	*David S. Hardin (Rockwell Collins)*	35
1600 - 1630	High-Assurance Blockchains: Applications and Verification	*Joe Hendrix (Galois, Inc)*	39
1630	**ADJOURN FOR THE DAY**		
1830	**CONFERENCE DINNER** | Chart House		60

WEDNESDAY, MAY 9

TIME	TITLE	SPEAKER	PAGE
	300 Second Street	Annapolis, Maryland 21403		
0800 - 1300	**REGISTRATION**		
0900 - 1000	**KEYNOTE PRESENTATION** Challenges Ahead for Blockchains	*Emin Gün Sirer (Cornell University)*	41
1000 - 1030	On the Emerging Trend of Computer-Aided Cryptology and the Technology Transition Gap it Presents	*Evan Austin (SPAWAR Systems Center Atlantic)*	42
1030 - 1100	**BREAK**		
1100 - 1145	Applying Symbolic Execution to Blockchain Applications	*Mark Mossberg (Trail of Bits)*	44
1145 - 1215	Resilient and Trustworthy Transactive Platform for Smart and Connected Communities	*Áron Lászka (University of Houston)*	45
1215 - 1245	Case Study: Verifying Safety of a UUV Heading PID Controller	*Daniel Genin (Johns Hopkins University Applied Physics Laboratory)*	48
1245	**CONFERENCE ADJOURNED**		