

Schedule

Time	Monday July 24	Tuesday July 25	Wednesday July 26	Thursday July 27	Friday July 28
7:00	[7:00] Breakfast - Exhibit Hall A	[7:00] Breakfast - Exhibit Hall A	[7:00] Breakfast - Exhibit Hall A	[7:00] Breakfast - Exhibit Hall A	[7:00] Breakfast - Exhibit Hall A
7:30					
8:00	[8:00] Short Course Introduction Dr. Ethan Cannon, Exhibit Hall B				
8:10	[8:10] Part I – Advancements and Challenges with Radiation-Tolerant Spaceflight Computers Dr. Tyler Lovely	[8:15] Opening remarks - Awards Presentation - Exhibit Hall B			
8:15					
8:30		[9:05] Technical Session Opening Remarks [9:10] Session A - Radiation Effects in Devices and Integrated Circuits	[8:30] Invited Talk – Negro League Baseball—The Giants. Why is it important to us today? Phil S. Dixon, Exhibit Hall B	[8:30] Invited Talk – Brewing Beer: Process Overview from Grain to Package Mr. Rob Odell and Mr. Taran Winnie, Exhibit Hall B	[8:30] Invited Talk – Kansas City National Security Campus Through the Decades Dr. John Jungk, Exhibit Hall B
9:00					
9:30	[9:40] Break – Pre-Function		[9:35] Session E - Hardness Assurance: Piece Parts to Systems and Testing Approaches	[9:30] Session F - Photonic Devices and Integrated Circuits	[9:30] Session H – Hardening by Design
10:00	[10:10] Part II – Radiation Effects in FPGAs and SoCs Dr. Nadia Rezzak and Dr. Pierre Maillard	[10:15] Break – Exhibit Hall A	[10:20] Break – Exhibit Hall A	[10:20] Break – Pre-Function	[10:05] Session I – Single-Event Effects: Devices
10:30		[10:45] Session A - (continued)			[10:40] Break – Pre-Function
11:00		[11:15] Session B - Single-Event Effects: Mechanisms and Modeling	[11:00] Session E - (continued)	[11:05] Session F - (continued)	[11:10] Session I - (continued)
11:30	[11:40] Short Course Luncheon – Terrace and Atlanta Rooms	[11:50] Lunch	[11:45] Poster Introduction - Exhibit Hall B	[11:50] Session G - Dosimetry and Facilities	
12:00			[11:50] Lunch / Exhibitor Raffle – Exhibit Hall A	[12:25] Data Workshop Introduction - Exhibit Hall B	[12:10] Conference Closing
12:30			— and — [11:50-12:50] IEEE Young Professionals Lunch – Chouteau Room <i>Ticket Required to Attend</i>	[12:30] Lunch - On Your Own – and – [12:30] Women in Engineering Lunch – Chouteau Room <i>Ticket Required to Attend</i>	
1:00	[1:00] Part III – Radiation Effects in Data Links Dr. Zachary Diggins	[1:15] Session B - (continued)	[1:45-4:30] Poster Session - Chicago Ballroom	[1:45-4:30] Radiation Effects Data Workshop New York Ballroom	
1:30		[1:45] Session C - Basic Mechanisms of Radiation Effects			
2:00					
2:30	[2:30] Break – Pre-Function				
3:00	[3:00] Part IV – Experimental Evaluation of Artificial Neural Networks Reliability: from GPUs to Low-Power Accelerators Prof. Paolo Rech	[2:50] Break – Exhibit Hall A			
3:30		[3:20] Session D – Space and Terrestrial Environments			
4:00		[4:10] End of Tuesday Sessions			
4:30	[4:30] Wrap-up		[4:30] End of Wednesday Sessions	[4:30] End of Thursday Sessions	
5:00	[4:40] Exam (for students requesting CEU credit only) [5:00] End of Short Course			[4:45 to 7:00] Radiation Effects Committee Annual Open Meeting – Exhibit Hall B	
5:30		[5:30 to 7:30] Industrial Exhibits Reception – Exhibit Hall A	[5:30] Busses load for Conference Social		
6:00			[6:00 to 10:00] Conference Social –		
6:30			Negro Leagues Baseball Museum & American Jazz Museum		
7:00					