

| Time  | Monday, July 14   | Tuesday, July 15   | Wednesday, July 16   | Thursday, July 17  | Friday, July 18  |
|-------|---|--|--|--|--|
| 7:00  | (7:00) Breakfast – Grand Ballroom 1   | (7:00) Breakfast – Grand Ballroom 1  |  |  |  |
| 7:30  |   |  | (7:30) Breakfast – Grand Ballroom 1  | (7:30) Breakfast – Grand Ballroom 1                                      | (7:30) Breakfast – Grand Ballroom 1                                      |
| 8:00  | (8:00) <b>Short Course Introduction</b> , <i>Prof. Matthew Marinella</i> (8:10)                                       | (8:00) <b>RESG Awards</b> – Grand Ballroom 2-3   |  |  |  |
| 8:30  | <b>Part I – Cumulative Effects in CMOS</b> , <i>Dr. Marc Gaillardin and Prof. Hugh Barnaby</i> - Grand Ballroom 2-3   |  | (8:30) <b>Invited Speaker</b> – Grand Ballroom 2-3   | (8:30) <b>Invited Speaker</b> – Grand Ballroom 2-3                       | (8:30) <b>Invited Speaker</b> – Grand Ballroom 2-3                       |
| 9:00  |   | (9:00) <b>Opening Remarks</b><br>(9:05) <b>Session A – Single-Event Effects: Devices and Integrated Circuits</b> |  |  |  |
| 9:30  | (9:40) Break – Grand Ballroom Foyer   |  | (9:30) <b>Session D – Radiation Effects in Devices and ICs</b>                                   | (9:30) <b>Session F – Basic Mechanisms of Radiation Effects</b>          | (9:30) <b>Session H – Hardened by Design</b>                             |
| 10:00 | (10:15) <b>Part II – Modeling Single Event Effects in CMOS</b> , <i>Dr. Scooter Ball and Dr. Jeff Black</i>           | (9:55) Break – Broadway Ballroom   | (10:05) Break – Broadway Ballroom  |  | (10:05) Break – Grand Ballroom Foyer                                     |
| 10:30 |   | (10:25) <b>Session B – Hardness Assurance</b>  | (10:45) <b>Session D – Radiation Effects in Devices and Integrated Circuits (continued)</b>      | (10:20) Break – Broadway Ballroom  | (10:45) <b>Session I – Power Devices and Wide-Bandgap Semiconductors</b> |
| 11:00 |   |  |  | (11:00) <b>Session G – Single-Event Effects: Mechanisms and Modeling</b> |  |
| 11:30 | (11:45) Lunch – Grand Ballroom 1  |  | (11:30) Lunch – Broadway Ballroom  |  |  |
| 12:00 |   | (12:00) Lunch on Own   |  | (12:00) Lunch on Own   | (12:05) Closing Remarks  |
| 12:30 | (12:45) <b>Part III – Radiation Effects in Nonvolatile Memories</b> , <i>Prof. Marta Bagatin and Dr. Patrick Xiao</i> | (12:00) <b>Women in Engineering Lunch</b> – Grand Ballroom 1<br><i>Ticket Required</i>                           |  |  |  |
| 1:00  |   |  | (1:00) Exhibitor Drawings – Grand Ballroom 2-3   |  |  |
| 1:30  |   |  | (1:30) <b>Session E – Environments, Facilities, and Dosimetry</b>                                | (1:30) <b>Radiation Effects Data Workshop - Midtown</b>                  |  |
| 2:00  | (2:15) Break – Grand Ballroom Foyer   |  |  |  |  |
| 2:30  | (2:45) <b>Part IV – Radiation Effects in Systems</b> , <i>Prof. Jeff Goeders and Prof. Fernando Fernandes</i>         | (2:30) <b>Session C – Photonics Devices and Integrated Circuits</b>  | (2:35) <b>Poster Session Introduction</b> – Germantown 1-3                                       |  |  |
| 3:00  |   |  | (2:50) <b>Poster Session</b>   | (2:30) Break – Midtown   | (3:00) Fitness Class   |
| 3:30  |   | (3:50) Break – Broadway Ballroom   | (3:20) Break – Germantown  |  |  |
| 4:00  |   | (4:00) Fitness Class   |  | (4:00) <b>RESG Open Meeting</b> – Grand Ballroom 2-3                     |  |
| 4:30  | (4:30) CE Exam (for those requesting CEU credit only)   | (4:45) End of Sessions   | (4:30) Fitness Class   |  |  |
| 5:00  |   |  |  |  |  |
| 5:30  | (5:30) End of Short Course  | (5:30) <b>Exhibitor Reception</b> – Broadway Ballroom  |  | (5:30) <b>New NPSS Member Meeting</b>                                    |  |
| 6:00  | (6:00) <b>IEEE Young Professionals Reception</b> – Belmont 1 and Bridge Lounge<br><i>Ticket Required</i>              |  | (5:45) Walk to Social<br>(6:00) <b>Conference Social</b> – Country Music Hall of Fame and Museum |  |  |
| 7:00  |   |  |  |  |  |
| 8:00  |   |  |  |  |  |
| 9:00  |   |  |  |  |  |
| 10:00 |   |  |  |  |  |