



19 MON

20 TUE

18 SUN

CONFERENCE REGISTRATION	2:00 - 7:30 PM
PRESENTATION SETUP	2:00 - 5:30 PM
STUDENT DINNER AND EVENT	5:30 - 7:30 PM

Smart Sensing The Analog Data Deluge
Memory & Storage The Growth of Memory and Storage Demands
Communication Communication Capacity vs. Data Generation
Security ICT Security Challenges
Energy Efficient Compute Energy vs. Global Energy Production
Sustainability

BREAKFAST Rio Grande B	7:00-7:45 AM	
OPENING KEYNOTE ADDRESS Grand Ballroom	8:00 - 8:45 AM	
SESSIONS 1-5	9:00 - 10:40 AM	
MEMORY & STORAGE - APPLICATIONS, ALGORITHMS AND DEVICES San Antonio		Session 1
SMART SENSING - TOOLS, VERIFICATION, VALIDATION San Marcos		Session 2
ENERGY EFFICIENCY - DESIGN Sabine		Session 3
COMMUNICATION - ADVANCED PACKAGING Pecos		Session 4
SECURITY - SYSTEM ARCHITECTURES Trinity A		Session 5
WELCOME & UNDERGRADUATE INNOVATION SESSION 1 Trinity B	9:00 - 9:40 AM	
BREAK Plaza Foyer	10:40 - 11:00 AM	
SESSION 6-11	11:00 AM - 12:40 PM	
ENERGY EFFICIENCY - APPLICATIONS AND ALGORITHMS San Antonio		Session 6
SECURITY - SOFTWARE San Marcos		Session 7
COMMUNICATION - CO-DESIGN Sabine		Session 8

MEMORY & STORAGE - ADVANCED PACKAGING Pecos		Session 9
SMART SENSING - DEVICES AND MATERIALS Trinity A		Session 10
SUSTAINABILITY - ENERGY EFFICIENCY Trinity B		Session 11
LUNCH Rio Grande B	12:40 - 1:40 PM	
SESSIONS 12-16	1:40 - 3:20 PM	
SECURITY - APPLICATIONS AND ALGORITHMS San Antonio		Session 12
ENERGY EFFICIENCY - DEVICES San Marcos		Session 13
SMART SENSING - DESIGN Sabine		Session 14
COMMUNICATION - SYSTEM ARCHITECTURES Pecos		Session 15
MEMORY & STORAGE - MATERIALS Trinity A		Session 16
UNDERGRADUATE INNOVATION SESSION 2 Trinity B	1:40 - 2:20 PM	
NEW TECHCONNECT Rio Grande A	3:20 - 5:15 PM	
RECEPTION Grand Ballroom Foyer	5:15 - 6:15 PM	
CONFERENCE BANQUET & PRESENTATION OF AWARDS Grand Ballroom	6:15 PM	

BREAKFAST Rio Grande B	7:00 - 7:45 AM	
DECADAL DISH Grand Ballroom	8:00 - 8:45 AM	
SESSIONS 17-21	9:00 - 10:40 AM	
SMART SENSING - APPLICATIONS AND ALGORITHMS San Antonio		Session 17
SECURITY - CRYPTOGRAPHY San Marcos		Session 18
COMMUNICATION - DESIGN, DEVICES AND MATERIALS Sabine		Session 19
MEMORY & STORAGE - SYSTEM ARCHITECTURES Pecos		Session 20
ENERGY EFFICIENCY - MATERIALS Trinity A		Session 21
UNDERGRADUATE INNOVATION SESSION 3 Trinity B	9:00 - 9:40 AM	
BREAK Plaza Foyer	10:40 - 11:00 AM	
SESSION 22-27	11:00 AM - 12:40 PM	
COMMUNICATION - APPLICATIONS AND ALGORITHMS San Antonio		Session 22
MEMORY & STORAGE - NEW MEMORY TECHNOLOGIES San Marcos		Session 23
SECURITY - DESIGN Sabine		Session 24
SMART SENSING - SYSTEM DESIGN AND ADVANCED PACKAGING Pecos		Session 25

ENERGY EFFICIENCY - SYSTEM ARCHITECTURES Trinity A		Session 26
SUSTAINABILITY - HEALTH AND SAFETY Trinity B		Session 27
LUNCH Rio Grande B	12:40 - 1:40 PM	
SESSIONS 28-32	1:40 - 3:20 PM	
SMART SENSING - mmWAVE DESIGN San Antonio		Session 28
SECURITY - TOOLS, VERIFICATION, VALIDATION San Marcos		Session 29
MEMORY & STORAGE - DESIGN Sabine		Session 30
ENERGY EFFICIENCY - ADVANCED PACKAGING Pecos		Session 31
MEMORY & STORAGE - ATOMIC LAYER PROCESSES Trinity A		Session 32
UNDERGRADUATE INNOVATION SESSION 4 Trinity B	1:40 - 2:20 PM	
NEW TECHCONNECT Rio Grande A	3:20 - 5:15 PM	
CAREERCONNECTIONS Grande Ballroom	5:15 - 7:15 PM	
STUDENT BANQUET & AWARDS Rio Grande B	7:30 PM	

CONFERENCE AT A GLANCE