

| Day 1: September 18, Monday (Workshops and Tutorials) | | | | | |
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| Time | Location | Session Type | Session Title | Speakers | Description |
| 8:00 - 17:00 | Diamond Terrace | Registration | Registration Desk | | Please check in at our registration desk to pick up your name badge and for on-site registration |
| 9:00 - 10:30 | North Ballroom | Concurrent Breakout Sessions | Doctoral Symposium (Session I) | Moderator: Gregory Ditzler, The University of Arizona Intro + Welcome <u>Students:</u> Ashutosh Pandey Gilles Neyens Oliver Kosak Sam Hess | |
| 9:00 - 10:30 | Santa Rita | Concurrent Breakout Sessions | Automation of Cloud Configuration and Operations (ACCO) Workshop (Session I) | Keynote Speaker: Abdella Battou, NIST 1) Workflow Automation for Partially Hosted Cloud Services, Hanin Abubaker and Khaled Salah 2) BDLaas: Big Data Lab as a Service for Experimenting Big Data Solution, Yehia Taher, Rafiqul Haque and Mohand-Said Hacid | |
| 9:00 - 10:30 | South Ballroom | Concurrent Breakout Sessions | The 5th International Workshop on Autonomic Management of high performance Grid and Cloud Computing (AMGCC'17) (Session I) | 1) Analysis of Service-oriented DBMS Organization, Woong Sul, H.Young Yeom and Hyungsoo Jung 2) A Case Study of leveraging High-Throughput Distributed Message Queue System for Many-Task Computing on Hadoop, Cao Nguyen, Jik-Soo Kim, Jaehwan Lee and Soonwook Hwang 3) Performance Optimization of Communication Subsystem in Scale-out Distributed Storage, Uiseok Song, Bodon Jeong, Sungyong Park and Kwonyong Lee | |
| 9:00 - 10:30 | Rincon | Concurrent Breakout Sessions | 2nd eCAS Workshop on Engineering Collective Adaptive Systems (eCAS 2017) (Session I) | 1) Error in Self-Stabilizing Spanning-Tree Estimation of Collective State, Yuanqiu Mo, Jacob Beal, Soura Dasgupta 2) Model-driven Engineering of Decentralized Control in Cyber-Physical Systems, Mirko D'Angelo, Mauro Caporuscio, Annalisa Napolitano 3) Parameterisation and Optimisation Patterns for MAPE-K Feedback Loops, Verena Kloes, Thomas Goethel, Sabine Glesner | |
| 9:00 - 10:30 | Presidio | Concurrent Breakout Sessions | International Workshop on Autonomic Systems for Big Data Analytics (ASBDA 2017) (Session I) | Keynote Speaker: TBA | |
| 10:30 - 11:00 | Catalina & Tucson | Coffee Break | | | |
| 11:00 - 12:30 | North Ballroom | Concurrent Breakout Sessions | Doctoral Symposium (Session II) | <u>Students:</u> Pratik Satam Sicong Shao Carla Sayan Keynote speaker: H.J. Siegel, Colorado State University Title: "What I Wish I Had Known about Technical Writing and Giving Presentations" | |
| 11:00 - 12:30 | Santa Rita | Concurrent Breakout Sessions | Automation of Cloud Configuration and Operations (ACCO) Workshop (Session II) | 3) Autonomic Cross-Layer Management of Cloud Resources Framework, Cihan Tunc, Farah Fargo, Youssif Al-Nashif and Salim Hariri 4) Autonomic Fault Detection Systems, Ahmet Turan Özdemir, Cihan Tunc and Salim Hariri 5) Enabling Multi-level Data Fault Tolerance on Software-Defined Storage System, Shuo-Han Chen, Chang Yung-Chun, Tseng-Yi Chen, Tsan-Sheng Hsu, Hsin-Wen Wei and Wei-Kuan Shih | |

Day 1

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| 11:00 - 12:30 | Tubac | Concurrent Breakout Sessions | The 5th International Workshop on Autonomic Management of high performance Grid and Cloud Computing (AMGCC'17) (Session II) | 4) OMBM: Optimized memory bandwidth management for strict QoS and high server utilization, Hanul Sung, Jeessoo Min, Sujin Ha and Hyeonsang Eom 5) ZonFS: A Storage Class Memory File System with Memory Zone Partitioning on Linux, Jang Woong Kim, Jae-Hoon Kim, Awais Khan, Youngjae Kim and Sungyong Park 6) SUPERMAN: A Novel System for Storing and Retrieving Scientific-Simulation Provenance for Efficient Job Executions on Computing Clusters, Young-Kyoon Suh and Jin Ma | |
| 11:00 - 12:30 | Rincon | Concurrent Breakout Sessions | 2nd eCAS Workshop on Engineering Collective Adaptive Systems (eCAS 2017) (Session II) | 4) Towards a Domain Specific Language for Engineering Collective Adaptive Systems, Antonio Bucchiarone, Antonio Cicchetti, Martina De Sanctis 5) Towards a Foundational API for Resilient Distributed Systems Design, Matteo Francia, Danilo Pianini, Jacob Beal, Mirko Viroli 6) The Principled Violation of Policy: Norm Flexibilization in Open Self-Organising Systems, David Burth Kurka, Jeremy Pitt | |
| 11:00 - 12:30 | Presidio | Concurrent Breakout Sessions | International Workshop on Autonomic Systems for Big Data Analytics (ASBDA 2017) (Session II) | 1) Integrating Short History for Improving Clustering Based Network Traffic Anomaly Detection, Philippe Owezarski and Juliette Dromard 2) Tracing Distributed Data Stream Processing Systems, Zoltán Zvara, Péter Szabó, Gábor Hermann and Andras A. Benczur 3) Fraud Analysis Approaches in the Age of Big Data - A Review of State of the Art, Sara Makki, Rafiqul Haque, Yehia Taher, Zainab Assaghir, Gregory Ditzler, Mohand-Said Hacid and Hassan Zeineddine | |
| 11:00 - 12:30 | Copper | Concurrent Breakout Sessions | 1st Workshop on Autonomic Management of Large Scale Container-based Systems (AMLCs) (Session I) | Keynote Speaker: TBA | |
| 12:30 - 14:00 | Catalina & Tucson | Luncheon | Lunch | | |
| 14:00 - 15:30 | North Ballroom | Concurrent Breakout Sessions | Doctoral Symposium (Session III) | <u>Students:</u> Jesus Pacheco & Sara Ahmad Makki Edward Richter & Sam Gianelli Nirmal Kumbhare & Arun Adiththan Eduard Renart & Michael John Trotter Ehsan Esmaili & Xiaoyang Zhu Shalaka Satam & Ashutosh Pandey Chris Frederickson | |
| 14:00 - 15:30 | Santa Rita | Concurrent Breakout Sessions | Automation of Cloud Configuration and Operations (ACCO) Workshop (Session III) | 6) Into the Storm: Descrying Optimal Configurations using Genetic Algorithms and Bayesian Optimization, Michael Trotter, Grace Liu and Timothy Wood 7) A Host-Agnostic, Supervised Machine Learning Approach to Automated Overload Detection in Virtual Machine Workloads, Eli Dow and Jeanna Matthews 8) An incremental approach to data integration in presence of access control policies, Mokhtar Sellami, Mohand-Said Hacid and Mohamed Mohsen Gammoudi | |
| 14:00 - 15:30 | Tubac | Concurrent Breakout Sessions | The 5th International Workshop on Autonomic Management of high performance Grid and Cloud Computing (AMGCC'17) (Session III) | 7) A Study on Optimal Scheduling using High-Bandwidth Memory of Knights Landing Processor, Seungwoo Rho, Geunchul Park, Jiksoo Kim, Seoyoung Kim and Dukyun Nam 8) A Hybrid Cloud Resource Clustering Method using Analysis of Application Characteristics, Yoori Oh and Yoonhee Kim | |

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| 14:00 - 15:30 | Rincon | Concurrent Breakout Sessions | 2nd eCAS Workshop on Engineering Collective Adaptive Systems (eCAS 2017) (Session III) | 7) RoleDiSCo: A Middleware Architecture and Implementation for Coordinated On-Demand Composition of Smart Service Systems in Decentralized Environments, Markus Wutzler, Thomas Springer, Alexander Schill 8) For Flux Sake: The Confluence of Socially- and Biologically-Inspired Computing for Engineering Change in Open Systems, Jeremy Pitt, Emma Hart 9) Configuration management for QoS adaptation in multi-vehicle cruise control systems, Arun Adiththan, Kaliappa Ravindran | |
| 14:00 - 15:30 | Copper | Concurrent Breakout Sessions | 1st Workshop on Autonomic Management of Large Scale Container-based Systems (AMLCS) (Session II) | 1) FID:A Faster Image Distribution System For Docker Platform, Kangjin Wang, Yong Yang, Ying Li, Hanmei Luo and Lin Ma 2) In Search of the Ideal Storage Configuration for Docker Containers, Vasily Tarasov, Lukas Rupprecht, Dimitrios Skourtis, Amit Warke, Dean Hildebrand, Mohamed Mohamed, Nagapramod Mandagere, Wenji Li, Ming Zhao and Raju Rangaswami 3) Auto-scaling of containers: the impact of relative and absolute metrics, Emiliano Casalicchio and Vanessa Perciballi | |
| 15:30 - 16:00 | Catalina & Tucson | Coffee Break | | | |
| 16:00 - 17:30 | North Ballroom | Concurrent Breakout Sessions | Doctoral Symposium (Session IV) | Mentoring | |
| 16:00 - 17:30 | Tubac | Concurrent Breakout Sessions | The 5th International Workshop on Autonomic Management of high performance Grid and Cloud Computing (AMGCC'17) (Session IV) | TBA | |
| 16:00 - 17:30 | Copper | Concurrent Breakout Sessions | 1st Workshop on Autonomic Management of Large Scale Container-based Systems (AMLCS) (Session III) | 4) Quality of Service models for Micro-services and their integration into the SWITCH IDE, Polona Štefanič, Matej Cigale, Andrew Jones and Vlado Stankovski 5) SWITCHing from multi-tenant to event-driven videoconferencing services, Jernej Trnkoczy, Uroš Paščinski, Sandi Gec and Vlado Stankovski | |
| 16:00 - 17:30 | Presidio | Concurrent Breakout Sessions | 3rd International Workshop on Data-driven Self-regulating Systems (DSS 2017) | Predicting Coalition Formation in South China Sea Disputes: An Analysis with an Agent-Based Model, Li Ding Instance-based Learning for Hybrid Planning, Ashutosh Pandey, Bradley Schmerl, David Garlan Towards Large-scale Material-integrated Computing: Self-Adaptive Materials and Agents, Stefan Bosse, Dirk Lehmhus | |
| 18:00 - 20:00 | Union Gallery | Welcoming Event | Welcome Reception | | |

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| Day 2 | Day 2: September 19, Tuesday (ICCAC 2017 and SASO 2017) | | | | | |
| | Time | Location | Session Type | Session Title | Speakers | Description |
| | 8:00 - 17:00 | Diamond Terrace | Registration | Registration Desk | | Please check in at our registration desk to pick up your name badge and for on-site registration |
| | 9:00 - 9:30 | South and North Ballrooms | Welcoming Event | Welcome Address by ICCAC and SASO Chairs | | |
| | 9:30 - 10:30 | South Ballroom | Plenary Session | Keynote 1 | Prof. Geoffrey West, Santa Fe Institute, USA | Topic: "The Simplicity and Unity Underlying the Complexity of Life from Growth and Innovation to Mortality, Sustainability and the Pace of Life in Organisms, Cities and Companies" |
| | 10:30 - 11:00 | Catalina & Tucson | Coffee Break | | | |
| | 11:00 - 12:30 | South Ballroom | Concurrent Breakout Sessions | ICCAC Session 1: Autonomic Cloud Computing - I | 1) A Black-box Approach for Detecting Systems Anomalies in Virtualized Environments, Olumuyiwa Ibidunmoye, Ewnetu Bayuh Lakew and Erik Elmroth 2) An Autonomic Cloud Application Placement Tool Based on Cost Criteria, Nabil Abdennadher 3) Towards Designing Cost-Optimal Policies to Utilize IaaS Clouds under Online Learning, Xiaohu Wu, Patrick Loiseau and Esa Hyttia | |
| | 11:00 - 12:30 | North Ballroom | Concurrent Breakout Sessions | SASO Session 1: Networks | 1) Self-organized Coverage Optimisation in Smart Camera Networks, Lukas Esterle 2) Self-stabilising target counting in wireless sensor networks using Euler integration, Danilo Pianini, Mirko Viroli, and Simon Dobson 3) PacketSkip: Skip Graph for Multidimensional Search in Structured Peer-to-Peer Systems, Andreas Disterhöft, Andreas Funke, and Kalman Graffi | |
| | 12:30- 14:00 | Catalina & Tucson | Luncheon | Lunch | | |
| | 14:00 - 15:30 | South Ballroom | Plenary Session | Panel | Moderator: H.J. Siegel, Colorado State University | Panel Title: Digital Convergence: What Academic Cloud, Autonomic, Self-Adaptive, and Self-Organizing Research is Useful for Industry in the Short and Long Term? Panelists: • Ilkay Altintas, University of California at San Diego • Fredricka Darema, US AFOSR (Air Force Office of Scientific Research) • Salima Hassas, University of Lyon • Heiko Ludwig, IBM Almaden • Naveen Sharma, Rochester Institute of Technology • Conrad S. Tucker, The Atlantic Council |
| | 15:30 - 16:00 | Catalina & Tucson | Coffee Break | | | |
| | 16:00 - 18:30 | Diamond Atrium | Plenary Session | Posters, Demos, and Reception | | |

| Day 3: September 20, Wednesday (ICCAC 2017 and SASO 2017) | | | | | | |
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| Time | Location | Session Type | Session Title | Speakers | Description | |
| 9:00 - 17:00 | Diamond Terrace | Registration | Registration Desk | | Please check in at our registration desk to pick up your name badge and for on-site registration | |
| 9:30 - 10:30 | South Ballroom | Plenary Session | Keynote 2 | Dr. Lalit K. Mestha, Principal Engineer, GE Global Research, New York, USA | Topic: "Industrial Immune Response to Cyberattacks – Is this even possible?" | |
| 10:30 - 11:00 | Catalina & Tucson | Coffee Break | | | | |
| 11:00 - 12:30 | South Ballroom | Concurrent Breakout Sessions | ICCAC Session 2: Autonomic Cloud Computing - II | 1) 2TL: a Scheduling Algorithm for Meeting the Latency Requirements of Bursty I/O Streams at User-Specified Percentiles, Yipkei Kwok, Patricia Teller and Sarala Arunagiri 2) Escada: Predicting Virtual Machine Network Bandwidth Demands for Elastic Provisioning in IaaS Clouds, Jonatas A Marques and Rafael R Obelheiro 3) Analysis and Autonomic Elasticity Control for Multi-Server Queues Under Traffic Surges, Venkat Tadakamala and Daniel Menasce | | |
| 11:00 - 12:30 | North Ballroom | Concurrent Breakout Sessions | SASO Session 2: Organizations and Institutions | 1) Interactional Justice and Self-Governance of Open Self-Organising Systems. Jeremy Pitt 2) A Requirements Model for Adaptive Multi-Organizational Systems, Mahmut Tamersoy, Erdem Eser Ekinci, R. Cenk Erdur, and Oguz Dikenelli | | |
| 12:30 - 14:00 | Catalina & Tucson | Luncheon | Lunch | | | |
| 14:00 - 15:30 | South Ballroom | Concurrent Breakout Sessions | ICCAC Session 3: Self-Protection Techniques of Computing Systems, Networks and Applications | 1) SDR-based Resilient Wireless Communication, Firas Almoualem, Pratik Satam, Jang-Geun Ki and Salim Hariri 2) Autoinfotainment Security Development Framework (ASDF) for Smart Cars, Pratik Satam, Jesus Pacheco and Salim Hariri 3) A Self-Protection Agent using Error Correcting Output Codes to Secure Computers and Applications, Fabian De La Pena Montero, Salim Hariri and Gregory Ditzler | | |
| 14:00 - 15:30 | North Ballroom | Concurrent Breakout Sessions | SASO Session 3: Resource and Network Management | 1) Xor-Based Topology Management Beyond Kademlia, Erick Lavoie, Miguel Correia, and Laurie Hendren 2) Resource Adaptation via Test-Based Software Minimization, Arpit Christy, Alex Groce, and Rahul Gopinath 3) Self-Adaptive Safe Provisioning of Wireless Power using DCOPs, Coen van Leeuwen, Sinan Yildirim, and Przemyslaw Pawelczak | | |
| 15:30 - 17:30 | University of Arizona Mirror Lab | Optional Event | | | An optional tour in The University of Arizona Mirror Lab (http://mirrorlab.as.arizona.edu/). The University of Arizona, College of Science is ranked #1 among observational, theoretical and space astronomy programs in the U.S. These new generation giant optical telescopes will be changing the way we explore the Universe! - For the mirror lab tour, we only have 3 sessions available for 20 visitors each. At 3:30PM, 4PM, 4:30PM and the tour will be approximately one hour, for 15 USD per person. | |

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| | 17:45 PM | Old Tucson | Conference Dinner | | | Old Tucson is a movie studio and theme park just west of Tucson, Arizona, adjacent to the Tucson Mountains and close to the western portion of Saguaro National Park. It was originally built in 1939 by Columbia Pictures on a Pima County-owned site as a replica of 1860's Tucson for the movie Arizona, starring William Holden and Jean Arthur. http://oldtucson.com/ |
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| Day 4: September 21, Thursday (ICCAC 2017 and SASO 2017) | | | | | | |
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| Time | Location | Session Type | Session Title | Speakers | Description | |
| 9:30 - 10:30 | South Ballroom | Plenary Session | Keynote 3 | Prof. David Garlan, Carnegie Mellon University, USA | Topic: "Human-machine synergy: Bringing humans and autonomy into balance" | |
| 10:30 - 11:00 | Catalina & Tucson | Coffee Break | | | | |
| 11:00 - 12:30 | South Ballroom | Concurrent Breakout Sessions | ICCAC Session 5: Autonomic Computing Systems, Tools and Applications - I | 1) Runtime modifications of Spark data processing pipelines, Elena Lazovik, Michel Medema, Toon Albers, Erik Langius and Alexander Lazovik 2) Efficient Collaborative Approximation in MapReduce Without Missing Rare Keys, Nitin, Mithuna Thottethodi, T N Vijaykumar and Milind Kulkarni 3) Autonomic Management of 3D Cardiac Simulations, Ehsan Esmaili, Ali Akoglu, Gregory Ditzler, Salim Hariri, Jeno Szep and Talal Moukabary 4) Autonomic Identity Framework for the Internet of Things, Xiaoyang Zhu, Youakim Badr, Jesus Pacheco and Salim Hariri | | |
| 11:00 - 12:30 | North Ballroom | Concurrent Breakout Sessions | SASO Session 5: Fundamentals of Self-Adaptation | 1) Edge Detection in Static and Dynamic Environments using Robot Swarms, Yara Khaluf 2) Compositional Blocks for Optimal Self-Healing Gradients, Giorgio Audrito, Roberto Casadei, Ferruccio Damiani, and Mirko Viroli 3) Multi-level control mechanisms for non-structured and structured 2-dimensional self-assembling, Ciprian Paduraru, Radu Mincu, and Gheorghe Stefanescu | | |
| 12:30 - 14:00 | Catalina & Tucson | Luncheon | Lunch | | | |
| 14:00 - 15:30 | South Ballroom | Concurrent Breakout Sessions | ICCAC Session 6: Autonomic Computing Systems, Tools and Applications - II | 1) Value-Based Scheduling for Oversubscribed Power-Constrained Homogeneous HPC Systems, Nirmal Kumbhare, Cihan Tunc, Dylan Machovec, Ali Akoglu, Salim Hariri and Howard Jay Siegel 2) Application-Specific Autonomic Cache Tuning for General Purpose GPUs, Sam Gianelli, Edward Richter, Diego Jimenez, Hugo Valdez, Tosiron Adegbiya and Ali Akoglu 3) Design Framework for Reliable Multiple Autonomic Loops in Smart Environments, Adja Ndeye Sylla, Maxime Louvel, Eric Rutten and Gwenaél Delaval 4) A Cloud-assisted Tree-based P2P System for Low Latency Streaming, Lucas Provensi, Frank Eliassen and Roman Vitenberg | | |
| 14:00 - 15:30 | North Ballroom | Concurrent Breakout Sessions | SASO Session 6: Fundamentals of Self-Adaptation | 1) Decentralized Coordination of Adaptations in Distributed Self-Adaptive Software Systems, Martin Weißbach, Philipp Chrszon, Thomas Springer, and Alexander Schill 2) Embedding Verification Concerns in Self-Adaptive System Code, Sharmin Jahan, Allen Marshall, and Rose Gamble 3) Identifying Self-Organization and Adaptability in Complex Adaptive Systems, Lachlan Birdsey, Claudia Szabo, and Katrina Falkner | | |
| 15:30 - 16:00 | Catalina & Tucson | Coffee Break | | | | |
| 16:00 - 16:30 | North Ballroom | SASO Closing Session | | | | |

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| 16:00 - 17:30 | South Ballroom | Concurrent Breakout Sessions | ICCAC Session: Dynamic Data Driven Application Systems | 1) Cybersecurity Policies and their Impact on Dynamic Data Driven Application Systems, Conrad Tucker, Mathew Burrows, Kevin Lesniak and Samuel Klein 2) Pulsar: Enabling Dynamic Data-driven IoT Applications, Eduard Renart, Daniel Balouek-Thomert and Manish Parashar 3) DDDAMS-based Border Surveillance and Crowd Control via Aerostats, UAVs, and Ground Sensors, Seunghan Lee, Sara Minaeian, Yifei Yuan, Jian Liu and Young-Jun Son 4) Resilient Dynamic Data Driven Application Systems as a Service (rDaaS): A Design Overview, Cihan Tunc, Salim Hariri and Youakim Badr 5) High Performance Machine Learning (HPML) Framework to Support DDDAS Decision Support Systems: Design Overview, Gregory Ditzler, Salim Hariri and Ali Akoglu | |
| 17:30 - 18:00 | South Ballroom | ICCAC Closing Session | | | |

| Day 5: September 22, Friday (Workshops and Tutorials) | | | | | |
|---|-------------------|------------------------------|--|---|-------------|
| Time | Location | Session Type | Session Title | Speakers | Description |
| 9:00 - 10:30 | South Ballroom | Concurrent Breakout Sessions | The 1st International Workshop on Autonomics and Cloud Security (ACS) + PUF (Session I) | Keynote speaker: TBA | |
| 9:00 - 10:30 | North Ballroom | Concurrent Breakout Sessions | 4th International Workshop on Self-Improving System Integration (SISSY 2017) (Session I) | 1) Learning to Learn: Dynamic Runtime Exploitation of Various Knowledge Sources and Machine Learning Paradigms, Adrian Calma, Daniel Kottke, Bernhard Sick, Sven Tomforde 2) Integration by Negotiated Behavior Restrictions, Christopher Landauer, Kirstie L. Bellman 3) Adapting Compliance of Security Requirements in Multi-Tenant Applications, Sarra Alqahtani, Xinchu He, Rose Gamble | |
| 9:00 - 10:30 | Rincon | Concurrent Breakout Sessions | Fifth International Workshop on Self-Adaptive and Self-Organising Socio-Technical Systems (SASO^ST 2017) (Session I) | Invited Talk: TBA | |
| 9:00 - 10:30 | Santa Rita | Concurrent Breakout Sessions | Tutorial A (Session I) | Aggregate Programming | |
| 10:30 - 11:00 | Catalina & Tucson | Coffee Break | | | |
| 11:00-12:30 | South Ballroom | Concurrent Breakout Sessions | The 1st International Workshop on Autonomics and Cloud Security (ACS) + PUF (Session II) | 1) A Scattering Technique for Protecting Cryptographic Keys in the Cloud, Khaled Salah 2) Cognitive Cyber Security Assistant: Design Overview, Carla Sayan, Salim Hariri and George Ball 3) Real-time IRC Threat Detection Framework, Sicong Shao, Cihan Tunc, Pratik Satam and Salim Hariri | |
| 11:00-12:30 | North Ballroom | Concurrent Breakout Sessions | 4th International Workshop on Self-Improving System Integration (SISSY 2017) (Session II) | 4) Managing a Posteriori Federations, Craig A. Lee 5) Cue Integration by Similarity Rank List Coding — Application to Invariant Object Recognition, Raul Griebl, Rolf P. Würtz 6) System Discovery through Neocortical Architectures and Experimental Play, Jacob Everist | |
| 11:00-12:30 | Rincon | Concurrent Breakout Sessions | Fifth International Workshop on Self-Adaptive and Self-Organising Socio-Technical Systems (SASO^ST 2017) (Session II) | 1) Distributive Justice for Fair Auto-adaptive Clusters of Connected Vehicles, Julian Pedro Garbiso, Ada Diaconescu, Marceau Coupechoux, Jeremy Pitt, Bertrand Leroy 2) Smart-CPR: Self-Organisation and Self-Governance in the Sharing Economy, David Burth Kurka, Jeremy Pitt 3) Social and Asocial Learning in Collective Action Problems: The Rise and Fall of Socially-Beneficial Behaviour, Peter R. Lewis, Aniko Ekart | |
| 11:00-12:30 | Santa Rita | Concurrent Breakout Sessions | Tutorial A (Session II) | Aggregate Programming | |
| 12:30 - 14:00 | Catalina & Tucson | Luncheon | Lunch | | |

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| 14:00-15:30 | South Ballroom | Concurrent Breakout Sessions | The 1st International Workshop on Autonomics and Cloud Security (ACS) + PUF (Session III) | 4) Cloud Computing Security Automation Framework, Cihan Tunc, Salim Hariri, Mheni Merzouki, Charif Mahmoudi, Frederic J. de Vaulx, Jaafar Chbili, Robert Bohn and Abdella Battou 5) Enabling Risk Management for Smart Infrastructures with an Anomaly Behavior Analysis Intrusion Detection System, Jesus Pacheco, Xiaoyang Zhu, Youakim Badr and Salim Hariri | |
| 14:00-15:30 | North Ballroom | Concurrent Breakout Sessions | 4th International Workshop on Self-Improving System Integration (SISSY 2017) (Session III) | 7) Ensuring Appropriate Use of Computational Resources in Interwoven Systems, Phyllis R. Nelson 8) Models and Methods for a High Autonomy, Self-Improving Surgical Training System, Jerzy W Rozenblit 9) The SISSY Challenge: Expected and Unexpected Integration, Kirstie L. Bellman | |
| 14:00-15:30 | Rincon | Concurrent Breakout Sessions | Fifth International Workshop on Self-Adaptive and Self-Organising Socio-Technical Systems (SASO^ST 2017) (Session III) | 4) Knowledge Management Processes and Design Principles for Self-Governing Socio-Technical Systems, Jeremy Pitt, Josiah Ober, Ada Diaconescu 5) Situation-based autonomic management of automobile cruise control systems, Arun Adiththan, Kaliappa Ravindran, Ramesh S. | |
| 14:00-15:30 | Santa Rita | Concurrent Breakout Sessions | Tutorial B (Session I) | Aggregate Programming | |
| 15:30 - 16:00 | Catalina & Tucson | Coffee Break | | | |
| 16:00-17:30 | South Ballroom | Concurrent Breakout Sessions | The 1st International Workshop on Autonomics and Cloud Security (ACS) + PUF (Session IV) | 6) Identifying the Cyber Attack Origin with Partial Observation: A Linear Regression Based Approach, Mohammed Lalou, Hamamache Kheddouci and Salim Hariri 7) AnomalyDetect: A System for Detecting Anomalies in Cloud Services, Mamadou Diallo, Michael August, Scott Slayback, Christopher Graves and Dillon Glasser | |
| 16:00-17:30 | North Ballroom | Concurrent Breakout Sessions | 4th International Workshop on Self-Improving System Integration (SISSY 2017) (Session IV) | 10) Self-Integrating and Self-Improving Systems Must Be Socially Sensitive, Peter R. Lewis | |
| 16:00-17:30 | Rincon | Concurrent Breakout Sessions | Fifth International Workshop on Self-Adaptive and Self-Organising Socio-Technical Systems (SASO^ST 2017) (Session IV) | Discussions: TBA | |
| 16:00-17:30 | Santa Rita | Concurrent Breakout Sessions | Tutorial B (Session II) | Aggregate Programming | |