

	Room 1	Room 2
	"A Methodology for Proactive Maintenance of Uninterruptible Power Supplies" Slobodan Lukovic, Igor Kaitovic, Miroslaw Malek, Gerardo Lecuona (Università della Svizzera italiana - Switzerland)	
18:20 - 18:30	Wrap-Up WDES	
20:00 - 23:30	Conference Dinner	
<b>Friday, Oct. 21st / Auditorium 110, building El Lago</b>		
08:00 - 09:00	Registration	
09:00 - 10:30	TS5: Dependability and Resilience Maintenance (Chair: Andrea Bondavalli)	Tutorial # 3 - Modeling Availability and Reliability of Service-Oriented Computing Systems - Dr. Paulo Romero Martins Maciel
	"Resilience of Resilience Mechanisms in Dynamic Architectures" (Invited Talk) András Pataricza (BME - Hungary)	
	"BuzzPSS: A Dependable and Adaptive Peer Sampling Service" Nuno Machado, Miguel Matos, Francisco Maia (HASLab - INESC TEC and U. Minho - Portugal), Rui Oliveira (U.Minho - Portugal)	
	"Towards model-driven virtual patching for web applications" Gustavo Betarte (Facultad de Ingeniería, Universidad de la República - Uruguay), Rodrigo de la Fuente (Genexus Consulting - Uruguay), Rodrigo Martínez, Juan Pirez, Felipe Zipitria (Universidad de la República - Uruguay)	
10:30 - 11:00	Coffee Break	
11:00 - 12:30	TS6: Security (Chair: Nuno Laranjeiro)	Tutorial # 4 - Towards Dependable Computing through Public Key Cryptography Alternative Models - Dr. Eduardo da Silva
	"A Methodology for Prevention of Biometric Presentation Attacks" (Invited Paper) Emanuela Marasco (University of North Carolina Charlotte - USA), Mohamed Shehab (University of North Carolina Charlotte - USA), Bojan Cukic (University of North Carolina Charlotte - USA)	
	"Usability Assessment in a Multi-biometric Continuous Authentication System" Enrico Schiavone, Andrea Ceccarelli, Andrea Bondavalli (Università degli Studi di Firenze - Italy), Ariadne Carvalho (University of Campinas - Unicamp - Brazil)	
	"Comparing and Experimenting Machine Learning Techniques to Predict Vulnerabilities" Henrique Alves, Baldoino Santos Neto (Universidade Federal de Alagoas - Brazil), Nuno Antunes (University of Coimbra - Portugal)	
12:30 - 14:00	Lunch	
14:00 - 15:30	TS7: Challenges (Julio Aírel Hurtado)	
	"Towards Understanding the Value of False Positives in Static Code Analysis" Carlo Dimastrogiovanni (Polytechnic University of Turin - Italy), Nuno Laranjeiro (University of Coimbra - Portugal)	
	"Checklist Quality Assessment of Natural Language Requirements for Space Applications" Anderson Rossanez, Ariadne Carvalho (University of Campinas - Unicamp - Brazil)	
	"Evolving from Dependability to Resilience Benchmarks: Issues and Possibilities" Raquel Almeida, Henrique Madeira (CISUC - University of Coimbra - Portugal)	
	"Modeling Dependable Product-Families: State Model Generation from Use Cases" Leydi Erazo, Eliane Martins (University of Campinas - UNICAMP - Brazil), Juliana Gregghí (UFPA - Brazil)	
	"Using Failure Prediction to Improve FPGA Scrubbing" Jose Luis Nunes (Instituto Politécnico de Coimbra - Portugal), João Cunha (DEIS/ISEC - Portugal), Mário Zenha-Rela (University of Coimbra - Portugal)	
15:30 - 16:00	Wrap-up	

Cali, Colombia, October 19th to 21st of 2016  
Universidad de San Buenaventura – Cali



# Latin-American Symposium on Dependable Computing

LADC is the major Latin-American event dedicated to computer System dependability, including security. The LADC 2016 program will include technical sessions, keynote talks from international experts, workshops, tutorials, fast abstracts, an industrial track, and a student forum.



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Wednesday, Oct. 19th / Auditorium 110, building El Lago		
	Room 1	Room 2
8:00 - 9:00	Registration	
9:00 - 9:30	Welcome	
9:30 - 10:30	Keynote: David Garlan - "Self-Adaptive Systems" (Chair: Marco Vieira)	
10:30 - 11:00	Coffee Break	
11:00 - 12:30	TS1: Best Paper Session (Chair: Regina Moraes)	
	"Running Resilient MPI Applications on a Dynamic Group of Recommended Processes" Edson Tavares de Camargo (Universidade Tecnológica Federal do Paraná - Brazil), Elias Duarte Jr. (UFPR - Brazil)	
	"Bypassing IOMMU protection against I/O Attacks" Benoit Morgan, Eric Alata, Vincent Nicomette, Mohamed Kaaniche (LAAS-CNRS - France)	
	"Two Convergence Problems for Robots on Graphs" Armando Castañeda, Sergio Rajsbaum (Universidad Nacional Autónoma de México - México), Matthieu Roy (LAAS - France)	
12:30 - 14:00	Lunch	
14:00 - 15:30	TS2: Fault Injection and Testing (Chair: Luciana Arantes)	Tutorial # 1 - Communication and Agreement in Byzantine Asynchronous Systems Dr. Michel Raynal
	"A Software Fault Injector to Validate Implementations of a Safety Communication Protocol" Rodrigo Dobler, Sérgio Luis Cechin, Taisy Weber, João Netto (UFRGS - Brazil)	
	"Speeding-up simulation-based fault injection of complex HDL models" Ilya Tuzov (Universitat Politècnica de València - Spain), Juan Carlos Ruiz, David de Andrés, Pedro Gil (Tech. Univ. Valencia - Spain)	
	"Testing Web Applications Using Poor Quality Data" Nuno Laranjeiro, Seyma Nur Soydemir (University of Coimbra - Portugal), Jorge Bernardino (CISUC - Portugal)	
15:30 - 16:00	Coffee Break	
16:00 - 17:00	TS3: Assessment and Proofs (Chair: Felicita Di Giandomenico)	Tutorial # 1 - Communication and Agreement in Byzantine Asynchronous Systems Dr. Michel Raynal
	"Reconfigurable Scalable State Machine Replication" (Invited Paper) Davi da Silva Böger (UFSC - Brazil), Joni da Silva Fraga (UFSC - Brazil), Eduardo Alchieri (UnB - Brazil)	
	"Soundness Proof of EventB2Java" Néstor Cataño (Innopolis University - Russia)	
17:00 - 18:00	Fast Abstracts and Student Forum (César Alberto Collazos)	Tutorial # 1 - Communication and Agreement in Byzantine Asynchronous Systems Dr. Michel Raynal
	"A Framework for an Optimized and Adaptive Restoration Scheme for Different Video Classes in Software-Defined Elastic Optical Networks" Klenilmar Dias (Instituto Federal de Educação, Ciência e Tecnologia do Amapá)	
	"Perception of Trustworthiness on Web Services and Applications Based on Privacy Evidences" Nádia Medeiros (University of Coimbra), Tania Basso (State University of Campinas)	
	"Continuous integration with regression test application" Nilo Giannechini (Universidade Estadual de Campinas)	
19:00 - 21:00	Cocktail	

Thursday, Oct. 20th / Auditorium 110, building El Lago		
	Room 1	Room 2
08:00 - 09:00	Registration	
09:00 - 10:00	Keynote: Ram Chillarege - "Diamonds from defects" (Chair: Ram Chillarege)	
10:00 - 10:30	Coffee Break	
10:30 - 12:00	TS4: Failure Detection and Impact (Chair: Eliane Martins)	Tutorial # 2 - Design of Experiments for Dependability Assessment and Benchmarking Dr. Henrique Madeira
	"Analyzing the Impact of Failures in the Electric Power Distribution Grid" Silvano Chiaradonna, Felicita Di Giandomenico, Giulio Masetti (ISTI/CNR - Italy)	
	"Implementing a flexible failure detector that expresses the confidence in the system" Anubis Rossetto (Instituto Federal de Educação Ciência e Tecnologia Sul-rio-grandense Campus Passo Fundo - Brazil), Claudio Geyer (UFRGS - Brazil), Luciana Arantes (Université de Paris VI - France), Pierre Sens (Laboratoire d'informatique de Paris 6 - France)	
	"An Autonomic Hierarchical Reliable Broadcast Protocol for Asynchronous Distributed Systems with Failure Detector" Denis Jeanneau (UPMC/LIP6 - France), Luiz Rodrigues (UNIOESTE - Brazil), Luciana Arantes (Université de Paris VI - France), Elias Duarte Jr. (UFPR - Brazil)	
12:00 - 13:30	Lunch	
	Panel: "Dependability challenges for the next decades: what really matters for industry and society?"	
13:30 - 14:30	Moderator: Henrique Madeira	
	Participants: Andrea Bondavalli, David Garlan, Eliane Martins, Felicita Di Giandomenico, Ram Chillarege	
14:30 - 14:35	WDES: Opening and Introduction	Tutorial # 2 - Design of Experiments for Dependability Assessment and Benchmarking Dr. Henrique Madeira
14:35 - 15:30	Keynote: Prof. Dr. Andrea Bondavalli	
15:30 - 16:00	Coffee Break	
16:00 - 17:00	WDES TS1: Space Domain Applications	
	"An Approach for Verification of a Satellite Simulator – an evolving system" Paulo Silva (ITA - Brazil), Ana Ambrosio (INPE - Brazil), Emilia Villani (ITA-Brazil), Denise Azevedo (INPE - Brazil)	
	"Dependability verification of nanosatellite embedded software supported by a reusable Test System" Carlos Conceicao, Fatima Mattiello-Francisco, Carlos Leandro Batista (INPE - Brazil)	
17:00 - 17:40	WDES TS2: Privacy and Security	Tutorial # 2 - Design of Experiments for Dependability Assessment and Benchmarking Dr. Henrique Madeira
	"Challenges on Anonymity, Privacy and Big Data" Tania Basso, Roberta Matsunaga, Regina Moraes (UNICAMP - Brazil), Nuno Antunes (UC - Portugal)	
	"Benchmarking user-defined security configuration of mobile devices" Daniel Avila Vecchiato (UFMT - Brazil), Eliane Martins (UNICAMP - Brazil)	
17:40 - 18:20	WDES TS3: Power Infrastructures	
	"An approach to evaluation of converged networks integrating communication and power infrastructures" Almir Guimaraes (UFAL - Brazil), Igor Rocha, Paulo R. Maciel, Rivalino Matias Jr. (UFU - Brazil)	