

WTR 2006 - Final Program

(all presentations will use slides in english)

8h15	8h30	Opening session	<i>(co-Chairs: Douglas Renaux, George Lima, Luis Almeida)</i>
8h30	10h00	S1 - Real-time communication	<i>(Chair: Carlos Eduardo Pereira)</i>
	S1.1	<i>Evaluating the IEEE 802.11e Reference Scheduler for Firm Real-time Traffic</i> Douglas Demarch Leandro Buss Becker	
	S1.2	<i>Deterministic Integration of Hard and Soft Real-Time Communication over Shared-Ethernet</i> Paul Regnier George Lima	
	S1.3	<i>Evaluating message transmission times in Controller Area Networks without buffer preemption</i> Marco di Natale	
	S1.4	<i>Reconfiguration using Two Genetic Algorithms for Network Control Systems during Online Performance</i> Hector Benitez-Perez Honorato Saavedra	
10h00	10h30	Coffee break	
10h30	12h00	S2 - Scheduling issues	<i>(Chair: Marco Di Natale)</i>
	S2.1	<i>Controlling Real-Time Tasks Schedule Using the Value Parameter</i> Crineu Tres Edgar Nett Leandro Buss Becker	
	S2.2	<i>Improving Response Time and Energy Efficiency in Server Clusters</i> Raphael Guerra Luciano Bertini Julius Leite	
	S2.3	<i>Energy-Aware Scheduling of Real-Time Heterogeneous Multiprocessor</i> Rodrigo Santos Jorge Santos Javier Orozco	
	S2.4	<i>Specification of a Predictive Adaptive Bandwidth Allocation Algorithm for Stream Smoothing in a Real Time Environment</i> João Lugesí Keiko Fonseca Douglas Renaux	
12h00	12h30	W1 - Work-in-Progress 1	<i>(Chair: Luis Almeida)</i>
	SW1.1	<i>Framwork para Construção de Sistemas Supervisórios em Dispositivos Móveis</i> <i>(Architecture for Building Supervisory Systems in Mobile Devices)</i> Reiner Franthesco Perozzo	
	SW1.2	<i>An emdedded communication platform with an improved FTT-CAN</i> Fernando Ataíde, Carlos Eduardo, Alan Carvalho	
	SW1.3	<i>Proposta de Arquitetura de Comunicação para Sistemas Embarcados Baseada no Protocolo Publisher/Subscriber</i> <i>(Proposal for an Embedded Systems Communication Architecture based on the Publisher/Subscriber Protocol)</i> Ronaldo Silva, Leandro Buss Becker, Marcelo Sobral	
12h30	14h10	Lunch	

14h10	15h20	Keynote Speech <i>(Chair: Julius Leite)</i> Real-Time Systems: Past and Future Daniel Mossé, University of Pittsburgh, USA
15h20	16h00	W2 - Work-in-Progress 2 <i>(Chair: Luis Almeida)</i> SW2.1 <i>Nuevos servidores para la planificación jerárquica</i> <i>(New servers for Hierarchical Scheduling)</i> Jose Luis Lorente SW2.2 <i>Real-Time Embedded Systems Co-design</i> Rafael Cancian, Marcelo Stemmer, Antônio Augusto Fröhlich SW2.3 <i>Using Real-Time Components to Construct Supervision and Control Applications</i> Sandro Andrade, Raimundo José de Araújo Macêdo SW2.4 <i>Desenvolvimento de sistemas embarcados com suporte a tempo-real seguindo o Projeto de Sistemas Orientados a Aplicação</i> <i>(Real-Time Embedded Systems Development following the Application-Oriented System Design)</i> Danillo Santos, Roberto Matos, Rafael Cancian, Antônio Augusto Fröhlich
16h00	16h30	Coffee break & poster session
16h30	17h15	S3 - Modeling <i>(Chair: Rômulo Oliveira)</i> S3.1 <i>A Formal Model for Embedded Hard Real-Time Systems</i> Raimundo Barreto Marcelo Custódio Rômulo Freitas Paulo Maciel Eduardo Tavares Meuse Oliveira Junior S3.2 <i>Desenvolvimento de Sistemas Tempo Real Embarcados Utilizando a Abordagem FOMDA: Um Estudo de Caso</i> <i>(Developing Real-Time Embedded Systems using the FOMDA approach: a Case Study)</i> Fábio Basso Toacy Oliveira Leandro Buss Becker
17h15	18h00	S4 - Distributed real-time systems <i>(Chair: Raimundo Macedo - to be confirmed)</i> S4.1 <i>Probability Density Function of Firm Real-Time Transactions Success Ratio</i> Samy Semghouni Bruno Sadeg Alexandre Berred Laurent Amanton S4.2 <i>Determinação Dinâmica do Itinerário de Agentes Móveis Imprecisos com Deadline Firme</i> <i>(Dynamic Routing of Imprecise Mobile Agents with Firm Deadline)</i> Luciana Rech Carlos Montez Rômulo Silva de Oliveira
18h00	18h15	Closing session <i>(co-Chairs: Douglas Renaux, George Lima, Luis Almeida)</i>