

# PROGRAMME

WEDNESDAY, SEPTEMBER 22<sup>th</sup>

7:30 - 9:00	Conference Registration
9:00 - 10:00	<b>Opening</b> Salón Bella Vista
10:05 - 10:30	Coffee Break
10:35 - 12:00	Inaugural Conference <b>Ing. Alberto Alemán Zubieta</b> <b>CEO of the Panama Canal Authority - ACP</b> Salón Bella Vista
12:00 - 2:00	Lunch (on your own)
2:00 - 3:00	Keynote Conference <b>Quantum Information Circuits</b> <b>Dr. Miroslav Svitek - Czech Technical University in Prague</b> Salón Diamante - Ground Floor
3:05 - 3:25	Coffee Break

## Technical Sessions - Ground Floor

TIME	TOPACIO	CORAL	ZAFIRO	ESMERALDA 1	ESMERALDA 2
3:30-4:00	Sponsors	44	94	89	11
4:00-4:30	Sponsors	2	97	32	84
4:30-5:00	Sponsors	65	58	33	

5:00 - 6:00	Keynote Conference <b>Integrating Multicultural Aspects in HCI-Curricula</b> <b>Dr. César Alberto Collazos - Colombia</b> Salón Diamante
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6:30 - 7:00	Transfer to the Miraflores Locks
7:00 - 9:30	Welcome Cocktail <b>Miraflores Visitors' Center</b> Panama Canal
9:30 - 10:00	Return to the Hotel El Panamá

# PROGRAMME

THURSDAY, SEPTEMBER 23<sup>th</sup>

8:00 - 9:00	<p>Keynote Conference</p> <p><b>Knowledge management as a sustainable, multidisciplinary and global growth engine</b></p> <p><b>Dr. Fernando Machuca</b></p> <p><b>Genioux.com Corporation – United States</b></p> <p>Salón Diamante</p>
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9:05 - 9:30	Coffee Break
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## WORKSHOPS/POSTERS

TIME	TOPACIO	CORAL	ZAFIRO	ESMERALDA 1	ESMERALDA 2
9:30-12:30	<b>POSTERS</b> 46, 50, 51, 12, 79, 91	<b>Wshop-1</b> MOBI 2010 Mobile and Ubiquitous Computing  Politécnico Grancolombiano	<b>Wshop-2</b> Graduate Student Symposium FIM/FISC Technological University of Panama	<b>Wshop-3</b> Web 2.0 FISC Technological University of Panama	<b>Wshop-4</b> Designing Customized Agent-Oriented Processes Autonomous University of Bucaramanga

12:30 - 2:00	<p>Lunch Conference</p> <p><b>Panama Canal Authority - ACP</b></p> <p>Salón Bella Vista</p>
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TIME	TOPACIO	CORAL	ZAFIRO	ESMERALDA 1	ESMERALDA 2
2:00 - 5:00	<b>POSTERS</b> 95, 31, 66, 98, 34	<b>Wshop-1</b> MOBI 2010 Mobile and Ubiquitous Computing  Politécnico Grancolombiano	<b>Wshop-2</b> Graduate Student Symposium FIM/FISC Technological University of Panama	<b>Wshop-3</b> Web 2.0 FISC/UTP	<b>Wshop-4</b> Designing Customized Agent-Oriented Processes Autonomous University of Bucaramanga

5:05 - 5:25	Coffee Break
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5:30 - 6:30	<p>Keynote Conference</p> <p><b>The new challenges of learning environments for Y generation</b></p> <p><b>Dr. Sérgio Crespo - Brazil</b></p> <p>Salón Diamante</p>
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# PROGRAMME

FRIDAY, SEPTEMBER 24<sup>th</sup>

8:00 - 9:00	Keynote Conference <b>Data Mining Algorithms And Implementation of Efficient Computing Tools In Petroleum And Health</b> <b>Dr. Pablo Guillén - Venezuela</b> Salón Diamante
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9:05 - 9:25	Coffee Break
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## Technical Sessions - Ground Floor

TIME	TOPACIO	CORAL	ZAFIRO	ESMERALDA 1	ESMERALDA 2
9:30-10:00	Sponsors	22	18	64	81
10:00-10:30	Sponsors	25	86	6	9
10:30-11:00	Sponsors	83	85	99	42
11:00-11:30	Sponsors	23	49		92
11:30-12:00	Sponsors	19	75		87
12:00-12:30	Sponsors				102

12:30 - 2:00	Lunch (on your own)
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2:00 - 3:00	Keynote Conference <b>Integral optimization of operations in oil transportation</b> <b>Dr. Juan Carlos García Díaz - Colombia</b> Salón Diamante
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3:00 - 3:20	Coffee Break
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3:30 - 4:30	Closure
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8:30pm-1:00am	Closing Dinner Salón Bella Vista
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## FULL PAPERS

ID	NAME	COUNTRY
2	Data Warehouse Engineering Process (DWEPE) with U.M.L. 2.1.1. A Case Study: "Central library Ibague University"	Colombia
19	Ambiente de apoyo al aprendizaje móvil	Panama
42	Embedded System for Security Services Integration	Brazil
92	Un nuevo modelo de evaluación de algoritmos de handoff vertical	Colombia
32	Generación de Responsabilidad Social Universitaria desde la Ingeniería: Experiencias en la Incorporación de Tecnología de Información en Proyectos Sociales	Colombia
44	Information and Communication Technologies and Inter-organizational Integration of Information Systems Preliminary Study on Industrial Enterprises of the Regions of Cordoba and Rosario	Argentina
49	Diversity of Eletronic Educational Games Concept	Brazil
64	A Telepsychiatry Domain Ontology Applied to Healthcare Information Systems	Brazil
84	Diseño de un controlador LQR para una turbina de velocidad variable	Colombia
86	Automating xHTML to VoiceXML transcoding in the context of SBTVD-T	Brazil
87	A mashup system to generate route descriptions based on points of interest	Brazil
22	Evaluation of an exercise for measuring impact in e-learning: Case study of learning a second language	Colombia
58	Enterprise Computing Management Based on ICt Services	Czech Republic
67	Learning Objects and Application in School Content	Brazil
85	Developing Applications for Interactive Digital Television Systems: An Approach Based-On the Lifecycle of Interactive Programs	Brazil
6	Acercamiento ontológico al mantenimiento del software	Colombia
23	E-Learning Distributed Cloud Built on MVC Design Patterns for Service Task Management	Japan
33	Diseño de un Modelo de Evaluación de la Inclusión Social en la Sociedad de la Información: Una propuesta desde el enfoque de investigación- acción	Colombia
65	Las interacciones como base de las dinámicas de colaboración en la enseñanza de la usabilidad	Panama
81	Applying Business Intelligence in Educational Projects to Vulnerable and Refugee Children in the Colombian Caribbean Region	Colombia
89	Ergonomics IT allied to ITC Performance	Panama
11	Current Control Methods for Shunt Power Active Filters to reduce Harmonic Content in Electrical Systems	Colombia
18	MoMo: A Framework Proposal for Patient Mobile Monitoring	Panama
25	The e-learning systems in Corporate Education	Brazil
43	An Ontology for Aiding Computer-Supported Collaborative Learning	Brazil
83	Análisis Comparativo entre las Plataformas de más Frecuente Implantación en los Sistemas Virtuales de Formación frente a un Modelo: Proyecto Sakai	Spain
100	Proposta de uma Metodologia para Implementação de Portais Corporativos	Brazil
39	AMSO: REAL-TIME SYSTEM FOR OIL WELLS ONSHORES USING SENSORS NETWORK	Brazil
9	Automated Mobile Applications Generator for Remote Database Access	Mexico
38	DEVELOPMENT OF INDUSTRIAL SYSTEMS WITH AGENT: A PROPOSAL FOR EXTENSION METHODOLOGY PROMETHEUS	Brazil
75	University web site navigation & content organization best practices: Prospective Students point of view	Panama
94	Web 2.0 Architecture for Services Federation in Virtual Learning Communities	Colombia
97	Federation of Academic Services Supported by Organizational and Design Patterns	Colombia
99	Agentes Web basados en Ontologías para la Web Semántica	Colombia
102	Adaptive Decision Processes the Multi-path Wireless Access Solutions Implementable on the IP Routing layer	Czech Republic

## SHORT PAPERS

98	PROPUESTA DE INTEGRACION DE COMPONENTES WEB 2.0 EN UNA PLATAFORMA LMS	Colombia
50	Business Process Repository based on Control Flow Patterns	Colombia
51	SOFTWARE PARA LA RECONSTRUCCIÓN DE MODELOS DEL SUBSUELO EN DOS Y TRES DIMENSIONES	Colombia
31	VENEZUELA IN THE DIGITAL GAP OR IN TECHNOLOGY REVOLUTION?	Venezuela
46	Service Selection based on Profile Context and QoS Metamodels	Colombia
79	Architecture of reference for interactive Mobile TV services supported in personalization and semantic search	Colombia
91	Suggestions for PETIC 2.0 , New Framewok, Maturity Levels and Strategic Aligment	Brazil
12	Design and Implementation of the Movement Control System for a Mobile Platform using ElectroOculography	Colombia
34	Proceso para la Evaluación de Usabilidad de los Servicios que Soportan Procesos Educativos en Entornos de Televisi Interactiva desde una Perspectiva Colaborativa	Colombia
66	Fábrica de Software UTP-Infosgroup: De la teoría académica a la Práctica Profesional	Panama
95	IMPLEMENTATION PROCESS OF A PLATFORM BPM (BUSINESS PROCESS MANAGEMENT)	Colombia