

Programa General (General Program)

Tuesday 13 December 2011			
Morning			
Time		Activity	
		Zulueta Room	Prado Room
9:00	9:30	Registration	
9:30	9:45	A1	AIR1
9:45	10:00	A2	AIR2
10:00	10:15	A3	AIR3
10:15	10:30	A4	AIR4
10:30	10:45	A5	AIR5
10:45	11:00	A6	AIR6
11:00	11:30	Coffee Break	
11:30	12:00	Inauguration session	
12:00	12:45	Keynote 1	
12:45	13:30	Keynote 2	
13:30	14:30	Coffee Break +	

Tuesday 13-12-2011			
Afternoon			
Time		Activity	
15:30	17:30	Old Havana Tour	
17:30	19:30	Welcome Cocktail	

Wednesday 14 December 2011			
Morning			
Time		Activity	
		Zulueta Room	Prado Room
9:00	9:15	A7	AIR7
9:15	9:30	A8	AIR8
9:30	9:45	A9	AIR9
9:45	10:00	A10	AIR10
10:00	10:15	A11	AIR11
10:15	10:30	A12	AIR12
10:30	10:45	A13	AIR13
10:45	11:00	A14	AIR14
11:00	11:30	Coffee Break	
11:30	12:15	Keynote 3	
12:15	13:00	Keynote 4	
13:00	14:00	Lunch	

Wednesday 14-12-2011			
Evening			
Time		Activity	
19:30	21:30	Dinner	

Thursday 15 December 2011			
Morning			
Time		Activity	
		Prado Room	
9:30	11:00	AECID	
11:00	11:30	Coffee Break	
11:30	13:00	AECID	

Keynote	Title	Speaker
1	Resultados de la terapéutica antirretroviral en Cuba e infección por VIH/SIDA	Jorge Pérez Ávila
2	GameAbilitation + ArtAbilitation: Ludic Engagement Designs for All (LEDA)	Anthony Brooks
3	Siklemia y modelos matemáticos	Adolfo Fernández García
4	Pattern Formation in Modeling Biomedical Processes	Mariano Rodríguez Ricard

Id.	Title	Speaker
AIR1	Interaction for rehabilitation	Grabiél Moya
AIR2	Development of an interactive kiosk with screen amplifier targeting low vision and old-aged people	Jorge Bidarra
AIR3	A Television-based Gesture Controlled User Interface for Inclusive Design	Rich Picking
AIR4	Desarrollo de Videojuegos como Apoyo a los Procesos de Rehabilitación	Oscar L. Vera Pérez
AIR5	Inicialización eficiente en estudios morfológicos de células sanguíneas.	Grethel Coello Said
AIR6	Aplicación de la Microscopía Holográfica Digital al estudio de los eritrocitos de humanos	Miriela Escobedo Nicot
AIR7	Estimation of Human Arm Reachable Workspace with RGB-D Cameras	Alejandro Mesejo Chiong
AIR8	Aplicación de la multimedia en la rehabilitación Neuropsicológica	Elíizabeth Fernández Martínez
AIR9	Propuesta de una multimedia para la rehabilitación de la comprensión lectora de adultos con Lesiones Estáticas Encefálicas	Odalys Boys Lam
AIR10	Simple analytical formulae to compute the anisotropy ratio of periodic elastic fibrous composites with isotropic constituents and their interest in bone mechanics	Julián Bravo Castellero
AIR11	Validación de aplicaciones basadas en visión para la rehabilitación de pacientes con trastornos motores	Elizabeth Domínguez Campillo
AIR12	Planificación de camino de una cadena cinemática hacia un objetivo entre obstáculos	Alejandro Reyes Amaro

Id.	Title	Speaker
A1	Natural and rational designed antivirals	Gloria del Barrio
A2	Membrane Model for Mutated Human Rhodopsins linked to the Retinitis Pigmentosa Dystrophy: a Homology Modeling Study	Erix W. Hernández Rodríguez
A3	Quantitative Structure-Activity Relationships (QSAR) Studies to Analyze the Anabolic Activity of Structurally Diverse Steroids	Yoanna M. Álvarez Ginarte
A4	Stochastic model for computer simulation of both the number of cancer cells and the number of lymphocytes in homogeneous sections of cancerous tumors	Arnulfo Castellanos
A5	ICA separation of saccadic pulse-step components in Cuban ataxia SCA2 patients. Changes in time to maximum values	Rodolfo García
A6	A software platform for processing electrooculography recordings	Rodolfo García
A7	Stochastic model of the propagation of the spinocerebellar ataxia type 2 (SCA-2)	Karen García
A8	The fuzzy based risk level calculation of somatic activities	Márta Takács
A9	Integral Community Epidemiological Surveillance based on ICTs: Bonis System 3.0	Margarita Samudio, Xabier Basogain
A10	Dynamical Models in Epidemiology. The cases of Dengue and HIV	Jorge Barrios
A11	Computation of the basic reproduction number in nonlinear epidemiological models	Miguel Atencia
A12	SSvIR con control óptimo por vacunación parcialmente efectiva	Eloy Ortiz
A13	Métodos y herramientas informáticas en los procesos de toma de decisiones del sistema de vigilancia y lucha antivectorial en Camagüey	Nobosny Pérez
A14	Modelo poblacional del Aedes aegypti (Diptera: Culicidae) con quiescencia	José A. Betancourt

Id.	Title	Speaker
AECID1	Mathematical modelling of biomedical processes	Gonzalo Joya Caparrós
AECID2	Natural and rational designed antivirals	Gloria del Barrio
AECID3	Vision-based applications for rehabilitation	Antoni Jaume i Capó
AECID4	Inter-University Cooperation Projects for Development: eHealth fosters Epidemiological Surveillance	X. Basogain
AECID5	Centro Virtual de Bioinformática: Formación de Especialistas y Creación Científica	Luis A. Montero Cabrera
AECID6	Research lines and potential of the University of Holguín (Cuba)	Carmen Pino

Posters	Title	Authors
AIR15	Users and Experts Regarding Orientation and Mobility Assistive Technology for the Blinds: a Sight from the Other Side	Pablo Revuelta Sanz, Belén Ruiz Mezcua, José M. Sánchez Pena
AIR16	A Review of Mobility Technologies for the Blinds	Pablo Revuelta Sanz, Belén Ruiz Mezcua, José M. Sánchez Pena
AIR17	A Review of Orientation Technologies for the Blinds	Pablo Revuelta Sanz, Belén Ruiz Mezcua, José M. Sánchez Pena
AIR18	Accessibility as a Service: A Scalable Service for Automatic Generation of Sign Language Videos	Tiago Maritan U. de Araújo, Alexandre Nóbrega Duarte, Guido Lemos S. Filho
AIR19	Automated Multi Sensory Rooms for a More Humanized Care	Pedro L. Sanchez Ortega, Beatriz Núñez Angulo, José A. González Garcia ¹ , José M. Camara Nebreda, Cesar Represa Pérez, José A. Gomez Monedero, Rosa Santamaría Conde
AIR20	Improvement of the Emergent Language Assisted Intervention Program (PILAE)	Sira E. Palazuelos Cagigas, María Luisa Gómez Taibo, Candelaria Imbernón López, Nereida Canosa Domínguez, Pilar Fernández Fernández, David Cortés Pérez, José L. Martín Sánchez, Javier Macías Guarasa
AIR21	Matching needs and capabilities with assistive technology in an amiotrophic lateral sclerosis patient	María Luisa Gómez Taibo, Nereida Canosa Domínguez, Pilar Fernández Fernández, Teresa García Real, Pilar Vieiro Iglesias
AIR22	Issues of Gestures Tracking for Rehabilitation	Rubén Pulido, Juan José Jiménez, Antonia Rodríguez
AIR23	Tactile Map: a tool for social and spacial inclusion	Nubia Bernardi; Joao Vilhete Viegas d'Abreu
AIR24	MonAMI: Mainstream on Ambient Intelligence. Technical Implementation	Alejandro Ibarz, Armando Roy, Esteban Vaquerizo, Luis Laín, Jose Ignacio Artigas and Jorge Falco
AIR25	MonAMI: Mainstream on Ambient Intelligence. Living Scaled Field Trial in Spain	Alejandro Ibarz, Armando Roy, Esteban Vaquerizo, Luis Laín, Jose Ignacio Artigas and Jorge Falco