

Can we control Climate Change?



PROGRAM:

In this section you will find information about the conference and round table discussions that took place during SAICA 2009. For anyone interested in any particular part of the event, there is an **EVENT SUMMARY VIDEO** that brings together specific discussions, as well as a series of short interviews of the most outstanding personalities, at the site: <http://www.ieee-ias-css.es/saica2009/index.php?lang=eng>

Below, you will find the sessions that comprised the two days of the seminar, indicating the names of the personalities that contributed to technical or special sessions including round table discussion.

SAICA 2009 – DAY 01	
	Opening Ceremony
Speakers:	Pedro Balsa, President of the IAS-CSS IEEE Chapter of Spain.
	Belinda Coombes, Director of Trade and Investment, Madrid (UK)
	Special Session I: Efficient, Clean and Sustainable Processes
Speakers:	Ken Slaven, Chairman SAICA 2009. (UK)
	Rt. Hon. Malcolm Wicks, Former Minister of Energy (UK), Currently Special Representative to UK Prime Minister on International Energy Issues.
	Special Session II: Efficient, Clean and Sustainable Processes
Speakers:	Diego Martínez, Director Plataforma Solar de Almería (PSA) (Spain)
	Andrew Wharton, BG Group (UK) Head of Environment and Member of Climate Change Committee

	Award Ceremony: Professor Juan Manuel Martín Sánchez was Awarded with the IEEE Fellow Certificate
Speakers:	Ken Slaven, Chairman SAICA 2009.
	Rt. Hon. Malcolm Wicks, Former Minister of Energy (UK), Currently Special Representative to UK Prime Minister on International Energy
	Paloma Collado, Vicerrectora de Investigación de la UNED (Spain).
	Jesús Sainz, Presidente de Promomadrid (Spain).
	Juan Manuel Martín Sánchez, Presidente ADEX S.L. (Spain)
	Special Session III: Efficient, Clean and Sustainable Processes
Speakers:	K C Tran, President of Carbon Recycling International (Iceland)
	Manuel Bravo, Director Área Energía y Medio Ambiente, Fundación Repsol (Spain)
	Focus Session 01: Environmental Applications
Conference:	On environmental benefits, some Adaptive Predictive Control applications on waste water treatment plant and on the predictive system of the “Confederación Hidrográfica del Ebro” were described.
Speakers:	José Rodellar, Universidad Politécnica de Cataluña.(Spain)
	Juan Manuel Martín Sánchez, Presidente ADEX S.L.(Spain)
	Focus Session 02: Energy Efficiency
Conference:	During this session, the suitability of the application of advanced control on the electric network and on wind power generators were outlined.
Speakers:	Ricardo Requena, Universidad Nacional de Educación a Distancia.(Spain)
	Yolanda Vidal, Universidad Politécnica de Cataluña.(Spain)
	Round Table: Advanced Control as Key Enabling Technology for Efficient, Clean and Sustainable Processes. Chairman Pedro Balsa
Speakers:	Javier Casado, Responsable de negocio de Honeywell. (Spain)
	Alfonso Rodriguez, Director Comercial de Invensys. (Spain)
	Santiago Savugal, Presidente de la Plataforma Española de Recuperación de CO ₂ (Spain).
	Pedro Balsa, President of the IAS-CSS IEEE Chapter of Spain.
	Professor Juan Manuel Martín Sanchez, Presidente ADEX S.L. (Spain)

SAICA 2009 – DAY 02

SAICA 2009 – DAY 02	
	Focus Session 03: Industrial Applications
Conference:	The application of Adaptive Predictive Expert Control on the Cadereyta refinery of PEMEX and on the optimization of cement production at the Gador factory of Holcim were presented. A solution for the PH control on the Ammonium Nitrate production using Fuzzy control systems was proposed.
Speakers:	Raul Estrada, Instituto Politécnico de Monterrey. (Mexico)
	Carlos Lameda, Universidad Nacional Antonio José de Sucre.(Venezuela)
	Juan Manuel Martín Sánchez, Presidente ADEX S.L.(Spain)
	Focus Session 04: Neural and Petri Nets, Robotics and Vibration
Conference:	Expositions on modeling and control of vibrations, heat transfer plant and industrial quality control systems were carried out.
Speakers:	Ramón Ferreiro, Universidad de la Coruña.(Spain)
	Ningsu Luo, Universidad de Girona.(Spain)
	Joaquim Meléndez, Universidad de Girona.(Spain)
	Focus Session 05: PID Control and Educational Issues
Conference:	The virtual systems control laboratory developed by the Open University of Spain was shown. There were also presentations related to PID development and one focused on applying control to medicine, in particular to the glucose control in blood.
Speakers:	Antonio Nevado, Universidad Nacional de Educación a Distancia(Spain)
	Juan José Gude, University of Deusto(Spain)
	José Luis Calvo, Universidad de la Coruña (Spain)
	Aluska Barry, CANTV (Venezuela)
	Closing Ceremony
Speakers:	Pedro Balsa, President of the IAS-CSS IEEE Chapter of Spain.