

IWANN 2013

12th International Work-Conference on Artificial Neural Networks (IWANN'2013) (Advances in Computational Intelligence) Hotel Hotel Beatriz Atlantis, Canary Islands (Tenerife-Puerto de la Cruz) Spain; 12-14 June, 2013

ORGANIZING COMMIT	TEE	SCOPE
Honorary Chairs:	Alberto Prieto	This biennial meeting seeks to provide a discussion forum for scientists, engineers,
	Francisco Sandoval	educators and students about the latest ideas and realizations in the foundations,
		theory, models and applications of hybrid systems inspired on nature (neural networks,
Conference Chairs:	Joan Cabestany	fuzzy logic and evolutionary systems) as well as in emerging areas related to the
	Gonzalo Joya	above items. As in previous editions of IWANN, it also aims to create a friendly
	Ignacio Rojas	environment that could lead to the establishment or strengthening of scientific
Technical Program	Miguel Atencia	collaborations and exchanges among attendees.
Chairs:	Francisco García Lagos	
chan 3.	Luis Javier Herrera	The proceedings will include all the presented communications to the conference. As
	Fernando Rojas	in previous editions of IWANN, we are arranging the publication of the proceedings
	Ternando Rojas	with Springer-Verlag on Lecture Notes on Computer Science (LNCS) series, and the
Publicity and	Beatriz Prieto	books will be available on-site. It is also foreseen the publication of an extended
Publication	Alberto Guillen	version of selected papers in a special issue on several specialized journals.
Chairs:		
	-	IWANN is included in the ranking of the best conferences established by the
PROGRAM COMMITTEE	(tentative)	Computer Science Conference Ranking based on the "Estimated Impact of Conference
Andreas Andreu	Kathryn Klemic	(EIC,2009)", concretely in position 55 among 701 considered (in the Artificial
Plamen Angelov	Amaury Lendasse	Intelligence field), and in the rank B in Computing Research and Education Association
Cecilio Angulo	Kurosh Madani	(CORE). Also the IWANN papers are indexed by CiteSeer.IST, and by the organization
Antonio Artés Rodríguez	Jordi Madrenas	Computing Research and Education Association (CORE).
Antonio Bahamonde	Luis Magdalena	TOPICS
R.Babuska	Dario Maravall	
Sergi Bermejo	Bonifacio Martín	The topics of interest include, but are not limited to:
Piero Bonissone	Francesco Masulli	. Mathematical and theoretical methods in computational intelligence.
Andreu Catalá	José M. Molina	Mathematics for neural networks. RBF structures. Self-organizing networks and
Pert Cauwenberghs	Augusto Montisci	methods. Support vector machines and kernel methods. Fuzzy logic. Evolutionary and
Jesus Cid-Sueiro	Claudio Moraga	genetic algorithms.
Rafael Corchuelo	Juan M. Moreno	
Oscar Cordón	Klaus-Robert Müller	modelling. System-level neural modelling. Spiking neurons. Models of biological
Carlos Cotta	José Muñoz	learning.
Marie Cottrell	Alan F. Murray	B. Learning and adaptation. Adaptive systems. Imitation learning. Reconfigurable
Alicia d'Anjou	Jean-Pierre Nadal	systems. Supervised, non-supervised, reinforcement and statistical algorithms. Emulation of cognitive functions. Decision Making. Multi-agent systems. Sensor
Javier de Lope	Nadia Nedjah	mesh. Natural language. Pattern recognition. Perceptual and motor functions (visual,
Luiza de Macedo Mourelle	Erkki Oja	auditory, tactile, virtual reality, etc.). Robotics. Planning motor control.
Dante del Corso	Madalina Olteanu	
Angel P. del Pobil Richard Duro	Julio Ortega 5 Kevin M. Passino	Evolvable computing. Evolving hardware. Microelectronics for neural, fuzzy and
Reinhard Eckhorn	Witold Pedrycz	bioinspired systems. Neural prostheses. Retinomorphic systems. Brain-computer
Marcos Faundez-Zanuy	Fco. J. Pelayo	interfaces (BCI) Nanosystems. Nanocognitive systems.
J. Manuel Fernández	Andrés Perez-Uribe	
Javier Fdez de Cañete	Vincenzo Piuri	intensive problem solving techniques. Multi-sensor data fusion using computational
Ramon Ferrer Cancho	Carlos G. Puntonet	intelligence. Search and meta-heuristics. Soft Computing. Neuro-fuzzy systems.
Dario Floreano	Leonardo Reyneri	Neuro-evolutionary systems. Neuro-swarm. Hybridization with novel computing
Jean-Claude Fort	Eduardo Ros	paradigms
Kunihiko Fukushima	Ulrich Rückert	
Chistian Gamrat	Eduardo Sanchez	Biomimetic applications. System identification, process control, and manufacturing.
Patrik Garda	J. V. Sanchez-Andrés	Computational Biology and Bioinformatics. Parallel and Distributed Computing. Human
F.J.Gonzalez	Juan A. Sigüenza	Computer Interaction, Internet Modeling, Communication and Networking. Intelligent
Karl Goser	Jordi Solé-Casals	Systems in Education. Human-Robot Interaction. Multi-Agent Systems. Time series
Manuel Graña	Peter SZolgay	analysis and prediction. Data mining and knowledge discovery.
Anne Guérin-Dugué	John Taylor	
Hani Hagras	Carme Torras	IMPORTANT DATES
Alister Hamilton	I. B. Turksen	November 19, 2012 Submission of Special Session proposals
Barbara Hammer	Mark Van Rossum	November 28, 2012 Special Session acceptance.
Martin Hasler	Marley Vellasco	January 28, 2013 Submission of papers by authors
Jeanny Hérault	Alfredo Vellido	February 25, 2013 Notification of provisional acceptance.
Francisco Herrera	Michel Verleysen	March 11, 2013 Submission of final papers.
Cesar Hervás	Thomas Villman	March 11, 2013 Early registration (special rates).
Tom Heskes	Changjiu Zhou	June 12-14, 2013 IWANN Conference.
Pedro Isasi	Ahmed Zobaa	
Simon Jones	Pedro Zufiria	Spanish Chapter of IEEE CIS
Christian Jutten		
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