

This is the AMDO2004 final program

All the sessions will take place at "Cas Jai Building", in the University's Campus.

DAY	21-September	22-September	23-September	24-September
	Tuesday	Wednesday	Thursday	Friday
9.00-10.00		Registration Tutorial_2	Invited Speaker	Papers Sessions P36, P18
10.00-11.00		Tutorial_2	Papers Sessions P21, P38	Papers Sessions P39, P46
11.00-11.30		Coffee Break	Coffee Break	Coffee Break
11.30-12.30		Tutorial_2	Papers Sessions P16, P34	Invited Speaker
12.30-13.30		Tutorial_2	Papers Sessions P51, P47	Papers Sessions P17, P19
13.30-15.00	Lunch (Son Lledo)	Lunch (Son Lledo)	Lunch (Son Lledo)	Lunch (Son Lledo)
15.00-16.00	Tutorial_1	AMDO Opening (14:30) Invited Speaker	Papers Sessions P45, P43	AMDO Closure
16.00-17.00	Tutorial_1	Papers Sessions P48, P37	Papers Sessions P41, P23	
17.00-17.30	Coffee Break	Coffee Break	Coffee Break	
17.30-18.30	Tutorial_1	Papers Sessions P35, P22	Papers Sessions P24, P26	
18.30-19.30	Tutorial_1		Barco-Consul Demostration (A. Turmeda Building)	
20.30		Reception at Bellver City Castle	Conference Banquet (20.30 at hotel- 21:00 at restaurant Son Amer-INCA)	

AMDO 2004, Wednesday, 22-September

14.30-16.00	AMDO Opening (14:30-15:00)
Chairman: F.J. Perales	Invited Speaker 1: P. Brunet (UPC- Dep. Lenguajes y Sistemas) Discrete Techniques for Real-Time Inspection and Interaction in Virtual Reality
16.00-17.00	Papers Sessions
Chairman: F.J. Perales	P48: A Comparison of Algorithm Design Paradigms in Active Contours for Muscle Recognition A. Caro, P. G. Rodríguez, M. L. Durán, M. M. Ávila, T. Antequera , R. Gallardo P37: Deformable object tracking based on multi-scale local histograms N. Pérez de la Blanca, J. M. Fuertes, M. Lucena
17.00-17.30	Coffee Break
17.30-18.30	Papers Sessions
Chairman: A. Susin	P35: Application of repeated GA to deformable template matching in cattle images Horacio M. González Velasco, Carlos J. García Orellana, Miguel Macías Macías, Ramón Gallardo Caballero, M. Isabel Acevedo Sotoca P22: Neuroanatomy Registration Using Viscous Fluid Motion: An Algebraic-Topology Based Approach Layachi Bentabet, Djemel Ziou
20.30	Reception at Bellver City Castle

AMDO 2004, Thursday, 23-September

<p>9.00-10.00</p> <p>Chairman: N. Pérez de la Blanca</p>	<p>Invited Speaker 2: B. Draper (Colorado State University, USA) Using A Generalized Linear Mixed Model to Study the Configuration Space of a PCA+LDA Human Face Recognition Algorithm</p>
<p>10.00-11.00</p> <p>Chairman: N. Pérez de la Blanca</p>	<p>Papers Sessions</p> <p>P21: A Probabilistic Framework for Articulated Shape Recognition Abdullah A. Al-Shaher, Edwin R. Hancock</p> <p>P38: Detecting Human Heads and Face Orientations under Dynamic Environment Akihiro Sugimoto, Mitsuhiro Kimura, Takashi Matsuyama</p>
<p>11.00-11.30</p>	<p>Coffee Break</p>
<p>11.30-12.30</p> <p>Chairman: N. Pérez de la Blanca</p>	<p>Papers Sessions</p> <p>P16: A Haptic Sculpting Technique Based on Volumetric Representation Laehyun Kim, Se Hyung Park</p> <p>P34 : Variant Design in Immersive Virtual Reality: A Markup Language for Scalable CSG Parts Peter Biermann, Bernhard Jung</p>
<p>12.30-13.30</p> <p>Chairman: B. Draper</p>	<p>Papers Sessions</p> <p>P51: Human Real Time Tracking in Virtual & Augmented Reality Applications J.M. Buades, X. Varona, F.J. Perales</p> <p>P47: Human underwater segmentation, tracking & matching using graphical biomechanics models applied to handicapped swimming people F. J. Perales, J. M. Buades, A. Aguiló, P. Martinez, M. González</p>
<p>13.30-15.00</p>	<p>Lunch (Son Lledo)</p>

<p>15.00-16.00</p> <p>Chairman: A. Andrés del Valle</p>	<p>Papers Sessions</p> <p>P45: Multiple Facial Feature Tracking using Multi-cue based Prediction Model Congyong Su, Yueting Zhuang, Li Huang, Fei Wu</p> <p>P43: 2D Human Tracking by Efficient Model Fitting using a Path Relinking Particle Filter Juan José Pantrigo, Ángel Sánchez, Kostas Gianikellis, Antonio S. Montemayor</p>
<p>16.00-17.00</p> <p>Chairman: A. Andrés del Valle</p>	<p>Papers Sessions</p> <p>P41: Complex articulated object tracking Andrew I. Comport, Eric Marchand, Francois Chaumette</p> <p>P23: Recognition and Tracking of the Members of a Moving Human Body Costas Panagiotakis, Georgios Tziritas</p>
<p>17.00-17.30</p>	<p>Coffee Break</p>
<p>17.30-18.30</p> <p>Chairman: J. Tavares</p>	<p>Papers Sessions</p> <p>P24: Image Cues Fusion for Contour Tracking Based on Particle Filter Peihua Li, Francois Chaumette</p> <p>P26: 3D Human Walking Modeling Angel D. Sappa, Niki Aifanti, Sotiris Malassiotis, Michael G. Strintzis</p>
<p>18.30-19.30</p>	<p>Barco-Consul Demonstration</p>
<p>21.00</p>	<p>Conference Banquet</p>

AMDO 2004, Friday, 24-September

<p>9.00-10.00</p> <p>Chairman:</p> <p>M. Mascaró</p>	<p>Papers Sessions</p> <p>P36: On-the-Fly Training Javier Melenchón, Lourdes Meler, Ignasi Iriondo</p> <p>P18: Improvement of Modal Matching Image Objects in Dynamic Pedobarography using Optimization Techniques Luísa F. Bastos, João M. R. S. Tavares</p>
<p>10.00-11.00</p> <p>Chairman:</p> <p>M. Mascaró</p>	<p>Papers Sessions</p> <p>P39: Analysis of Human Walking based on aSpaces Jordi González, Javier Varona, F. Xavier Roca, J.J. Villanueva</p> <p>P46: A System for Choreographic Simulation of Ballet Using a 3D Motion Archive on the Web Asako Soga, Bin Umino, Takami Yasuda, Shigeki Yokoi</p>
<p>11.00-11.30</p>	<p>Coffee Break</p>
<p>11.30-12.30</p> <p>Chairman:</p> <p>A. Soga</p>	<p>Invited Speaker 3 : R. Bowden (University of Surrey, UK) Progress in Sign and Gesture Recognition</p>
<p>12.30-13.30</p> <p>Chairman:</p> <p>A. Soga</p>	<p>Papers Sessions</p> <p>P17: Adaptation of Mesh Morphing Techniques for Multilingual Avatars used in Web Applications Iker Aizpurua, Amalia Ortiz, David Oryazun, Iosu Arizkuren, Jorge Posada, Ana C. Andrés</p> <p>P19: Ear Biometrics Based on Geometrical Method of Feature Extraction Michal Choras</p>
<p>13.30-15.00</p>	<p>Lunch (Son Lledo)</p>
<p>15.00-16.00</p>	<p>AMDO Closure</p>

TUTORIALS AMDO2004

Tutorial 1 : Geometric and Physic-Based deformable models. M Gonzalez, M. Mascaro P.(UIB), A. Susin (UPC).

Tutorial 2: Realistic Facial Animation, Face Cloning & Advanced Virtual Reality and Augmented Techniques. Ana de Andrés (VICOM Tech), M. J. Abasolo, X. Varona, F. Perales (UIB) .

INVITED SPEAKERS AMDO2004

Prof. Bruce Draper (Topic: Face Recognition, Confirmed)

Title: Using A Generalized Linear Mixed Model to Study the Configuration Space of a PCA+LDA Human Face Recognition Algorithm

Prof. Pere Brunet (Topic: Virtual Reality , Confirmed)

Title: Discrete Techniques for Real-Time Inspection and Interaction in Virtual Reality

Abstract - Short CV Info

Dr. Richard Bowden (Topic: Human Sign Recognition, Confirmed)

Title: Progress in Sign and Gesture Recognition

Abstract - Short CV Info