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- D. Greiner, SIANI - Univ. of Las Palmas de GC, Spain (General Chair)
- N. Gauger, RWTH Aachen Univ., Germany and ERCOFTAC (Co-chair)
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Adriel Sosa -SIANI-ULPGC
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José A. Moreno -ULL

Important Dates

April 15, 2013 Deadline for submission of extended abstracts (2-4 pages), instructions on the web page

May 31, 2013 Notification of acceptance *

July 31, 2013 Full papers submission **

October, 7-9, 2013 The EUROGEN 2013 Conference

* a peer review by the Scientific Committee based on extended abstracts for presentation at the Conference

** a peer review by the Scientific Committee based on full papers for contribution to the Springer-ECCOMAS book after the conference

Registration Fees

The registration fees, including social events, are (prices in Euros):

	Early-Bird (Before 15th May)	Early (Before 15th June)	Late (After 15th June)
Delegates	400 €	450 €	570 €
Students	250 €	300 €	370 €

The fees include Conference Proceedings, attendance to all sessions, coffee breaks, reception and banquet, and book of abstracts + CD. An official receipt will be issued by FULP through the 10th EUROGEN International Conference. The Conference Secretariat will open on the 7th October at 08:00 at ULPGC conference site. Registrants may pick up badges up to 17:00.

Supporting Organizations

- ULPGC - Universidad de Las Palmas de Gran Canaria
- SIANI - Institute of Intelligent Systems and Numerical Applications in Engineering
- E-CAERO - European Collaborative Dissemination of Aeronautical Research and Applications
- CIMNE - International Center for Numerical Methods in Engineering
- ECCOMAS - European Community on Computational Methods in Applied Sciences
- ERCOFTAC - European Research Community On Flow, Turbulence and Combustion
- School of Industrial and Civil Engineering ULPGC
- Catedra Endesa-Red ULPGC
- PLOCAN - Oceanic Platform of the Canary Islands

Special Technology Sessions (STS) Organizers

- R. Denos (EC DG Research Aeronautics, Belgium)
- B. Galvan (ULPGC, Spain)
- K. Giannakoglou (NTUA, Greece)
- D. Knorzer (EC DG Research Aeronautics, Belgium)
- C. Poloni (ESTECO, Italy)
- J. Periaux (CIMNE, Spain and JYU, Finland)
- T. Verstraete (VKI, Belgium)

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- R. Schaefer, AGH, Poland
- M. Schoenauer, INRIA, France
- J. Toivanen, Univ. of Jyväskylä, UK / Stanford University, USA
- R. Van den Braembussche, VKI, Belgium
- M. Vasile, University of Strathclyde
- T. Verstraete, VKI, Belgium
- J. Węglarz, PUT, Poland
- E. Zitzler, PHBern, Bern, Switzerland

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- G. Levitin, The Israel Electric Corporation Ltd, Israel
- C. Poloni, ESTECO, Italy
- V. Selmin, EC Clean Sky, Brussels

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- M. Cerrrolaza, CIMNE, UPC, Spain
- H. Q. Chen, NUAU, P.R. China
- C. Coello, CINVESTAV, National Polytechnic Institute, Mexico
- K. Deb, Dept. of mech. Eng., IIT, Kanpur, India
- P. Hajela, Rensselaer Polytechnic Institute, USA
- G. Iaccarino, Stanford University, USA
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- Z. Michalewicz, Adelaide Univ., Australia
- S. Obayashi, Tohoku University, Japan
- D. Salazar-Aponte, University of Southern California, USA
- K. Srinivas, Univ. Sidney, Australia



Thematic Conference

EUROGEN 2013

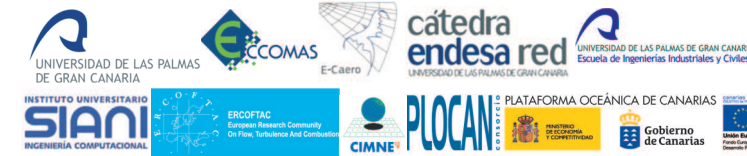
Evolutionary and Deterministic Methods
for Design, Optimization and Control
with Applications to Industrial
and Societal Problems

October 7-9, 2013
Las Palmas de Gran Canaria, Spain

<http://www.eurogen2013.ulpgc.es/>



Gran Canaria pictures are courtesy of Cabildo de Gran Canaria web site <http://www.grancanaria.com>



Institute of Intelligent Systems and Numerical Applications
in Engineering (SIANI)
Las Palmas de Gran Canaria University (ULPGC)
in association with International Center for Numerical Methods in Engineering (CIMNE)
and European Research Community on Flow, Turbulence and Combustion (ERCOFTAC)

Objectives:

EUROGEN 2013 will be the tenth of a series of International Conferences previously held in Las Palmas de Gran Canaria - Spain (1995), Trieste - Italy (1997), Jyväskylä - Finland (1999), Athens - Greece (2001), Barcelona - Spain (2003), Munich - Germany (2005), Jyväskylä - Finland (2007), Cracow - Poland (2009) and Capua - Italy (2011) devoted to Evolutionary Computing for Industrial Applications. It aims at bringing together specialists from Universities, Research Institutions and Industries developing or applying Evolutionary and Deterministic Methods in optimization of design and emphasizing on industrial and societal applications. This series of conferences were originally launched by the European Thematic Network INGENET.

EUROGEN 2013 is an ECCOMAS Thematic Conference. ERCOFTAC, represented by its Special Interest Group (SIG) on Design Optimization, is now the ECCOMAS associate of this ECCOMAS Thematic Conference, in particular, in the context of the CAERO EC-Project.

The conference will include plenary invited lectures, keynote lectures, minisymposia (MS), and special technological sessions (STS) and contributed papers.

Algorithmic Topics:

- Metaheuristics and Evolutionary Algorithms (including Evolutionary Programming, Evolution Strategies, Genetic Algorithms, Memetic Algorithms and Artificial Immune Systems, etc.)
- Multi-objective Evolutionary Algorithms and Constraint Handling Techniques
- Adjoint Methods and One-shot Methods
- Hybrid methods (Gradient Based Methods, Combinatorial Optimization Methods, etc.)
- High Performance Computing and GPUs
- Goal oriented optimization for mesh and meshless methods
- Game Strategies
- Surrogate Models
- Parallel and distributed Evolutionary Algorithms (from LANs to GRID)
- Multi-disciplinary Optimization Methods
- Design with Uncertainties
- Economic and Social simulations
- Multi-criteria Decision Making tools
- Robust Design
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Major Application Areas:

- Aeronautics and Astronautics
- Bio Engineering and Medicine
- CAD and Manufacturing
- Civil and Structural
- Electromagnetics
- Electronics
- Energy
- Environment
- Health Monitoring
- Material Science and Technology
- Morphing Design
- Offshore, Coastal and Marine
- RAMS Analysis
- Risk Analysis
- Smart Grids. Electrical Distribution Networks
- Smart Materials and Structures
- Stochastics
- Transport and Logistics
- Turbomachinery
- Telecommunications
- UAV systems
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Location:

Las Palmas de Gran Canaria is the 400.000 inhabitants capital of the province of Las Palmas, Canary Islands, Spain. It was founded in 1478, and is famous for being place where Cristobal Columbus stopped during his journey when first discovering America in 1492. Gran Canaria island held also the Canary Botanical Garden, plenty of endemic vegetation of the Macaronesic Region.

Canary Islands are the first touristic region in Europe according the most recent Eurostat inform (2012), and they offer a magnificent climate during all the year, receiving around ten million tourists per year and having direct flight connections with the major important cities in Europe.



EUROGEN 2013

October 7-9, 2013, Las Palmas de Gran Canaria, Spain

Conference Secretariat:

CEANI - SIANI - ULPGC
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in Engineering (SIANI)
Universidad de Las Palmas de Gran Canaria (ULPGC), Spain
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