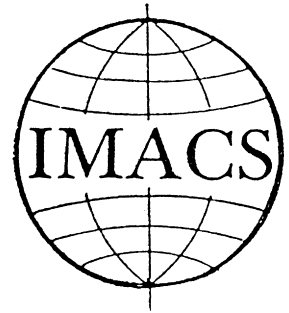# IMACS Calendar of Events

July 2010

IMACS, the International Association for Mathematics and Computers in Simulation
Founded in 1955
Honorary President:
Professor Robert Vichnevetsky, Dept. of Computer Science, Rutgers University, New Brunswick, NJ08903, USA
President:
Professor Robert Beauwens, Brussels Free University, Service de Metrologie Nucleaire, Ave. F.D. Roosevelt, 50, 1050 Brussels, Belgium
Secretariats:
IMACS, Dept. of Computer Science, Rutgers University, New Brunswick, NJ08903, USA
IMACS, C.P.165/84, U.L.B., Ave. F.D. Roosevelt, 50, 1050 Brussels, Belgium /email: imacs@metronu.ulb.ac.be

All material concerning this IMACS Calendar of Events (including proposals for new IMACS conferences) is to be sent to:

European Region:
IMACS - ULB, CP 165/84
50, avenue F.D. Roosevelt
1050 Brussels-Belgium

American/Pacific Region:
IMACS - Dept. of Computer Science
Rutgers University - Hill Center
New Brunswick NJ 08903 USA

ESCO 2010

Date: June 28–July 2, 2010.

Place: Pilsen, Czech Republic

The second European Seminar on Coupled Problems ESCO 2010 is an international workshop cosponsored by the University of Nevada (Reno), Institute of Thermomechanics (Prague), University of West Bohemia (Pilsen), New Technologies Research Centre (Pilsen), and IMACS.
The objective of the meeting is to advance the frontiers of computer modeling in various areas of engineering and science.
Main topic areas include :
Multiphysics models and methods Track on Python in scientific computing
A special issue of the journal MATHEMATICS AND COMPUTERS IN SIMULATION ((impact factor 0.93)) containing selected and expanded papers presented at ESCO 2010 will be edited after the conference
Abstract submission deadline is December 15, 2009.
In order to submit an abstract for ESCO 2010,

Visit the conference web page: http://hpfem.org/events/esco-2010/

2010 SIAM Annual Meeting (AN10)

Date: July 12–16, 2010

Place: Pittsburgh, Pennsylvania

This conference is being held jointly with SIAM Conference on the Life Sciences (LS10). About the Conference: SIAMs Annual Meeting provides a broad view of the state of the art in applied mathematics, computational science, and their applications through invited presentation, prize lectures, minisymposia, and contributed papers and posters.

Website: http://www.siam.org/meetings/an10/

MCQMC 2010

Date: August 15–20, 2010

Place: Warsaw, Poland

The Ninth International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing.
Topics
MC and QMC methods
Random and pseudorandom numbers
Random processes
Low-discrepancy points and sequences
Digital nets and lattice rules
MC and QMC in finance
Variance reduction methods
Rare-event simulation
Complexity of multivariate problems
Tractability of multivariate problems
Markov Chain Monte Carlo
Particle methods.Applications of MC and QMC methods
See the Website:

http://mcqmc.mimuw.edu.pl/

The 11th IFAC/IFIP/IFORS/IEA

Date: August 31–September 3, 2010

Place: Valenciennes, France

Symposium on Analysis, Design, and Evaluation of Human-Machine Systems.

Website: http://www.univ-valenciennes.fr/IFACHMS2010/

DIEBM 2010

Date: September 7–10, 2010

Place: Karlovassi, Samos island, Greece

The First International Workshop on Differential and Integral Equations with Applications in Biology and Medicine
Subject and Purposes:
Differential and Integral equations are popular models in Biology and Medicine. Examples include applications in Cell Biology: cell population, cell mobility and molecular motor models; applications in Epidemiology: early childhood diseases models (measles, rubella, etc.) Applications in Medicine include diabetes models, cancer, tuberculosis and influenza models, blood production and flow models. Also models associated with functions of various parts of the human body like the heart, kidneys, the pancreas, the eyes, the astro-intestinal system, to mention a few. The objective of the DIEBM2010 Workshop is to bring together established scientists and postgraduate students working on aspects of Mathematical Biology, Numerical Analysis and Computing, Biology and Medicine where Differential and Integral equations apply and to report on current research and future developments; the aim and hope is that the meeting will allow easier communication of cross-disciplinary ideas and will result in acceleration of new collaborations of Applied Mathematicians and Numerical and Computer Analysts with scientists in these two subjects (Biology and Medicine) which more and more rely on modelling and computing for further progress. A half day short course on Integral Equations will complement the works of the Workshop.

Website: http://www.icsd.aegean.gr/diebm2010/

NUMAN 2010

Date: September 15–18, 2010

Place: Chania, Crete.

We are organizing a conference in Numerical Analysis entitled "Conference in Numerical Analysis (NumAn 2010) - Recent Approaches to Numerical Analysis: Theory, Methods and Applications",
The aims of the conference are: