Program Schedule

Day One (2 July, 2007, Monday)

	Room A	**Room B**	**Room C**	Room E
8:00 – 8:30	Tea/Coffee Break			
8:30 –10:30	Keynote Speech & ICCSE I	ICFE	ICSIE Invited Lecture & ICSIE I	ICDMKE I
10:30 –11:00	Tea/Coffee Break			
11:00 – 12:30	Keynote Speech & ICME I	ICAEM I	Keynote Speech & ICWN I	ICEEE I
12:30 – 13:30	WCE Congress Lunch			
13:30 – 15:15	ICAEM Keynote Speech I & ICAEM II	ICMEEM I	ICCSE Keynote Speech & ICCSE II	ICDMKE II
15:15 – 15:45	Tea/Coffee Break			
15:45 – 18:00	ICME Keynote Speech & ICME II	ICCSDE Tutorial & ICCSDE I	ICCIIS Invited Talk & ICCIIS I	ICEEE II
The End of the First Day of the Congress				

Day Two (3 July, 2007, Tuesday)

	Room A	**Room B**	**Room C**	**Room D**	**Room E**
8:00 – 8:30	Tea/Coffee Break				
8:30 –10:30	ICAEM Keynote Speech II & ICAEM III	ICMEEM II	ICIE	ICWN II	ICSIE II
10:30 –11:00	Tea/Coffee Break				
11:00 – 12:30	ICME Invited Talk & ICME III	ICMEEM III	ICEEE Invited Talk & ICEEE III	ICCSDE II	ICAEM IV
12:30 – 13:30	WCE Congress Lunch				
13:30 – 15:15	ICWN Tutorial	ICMEEM IV	ICEEE Keynote Speech & ICEEE IV	ICME IV	ICAEM V
15:15 – 15:45	Tea/Coffee Break				
15:45 – 18:00	ICWN Invited Speech & ICWN III	ICCSDE III	ICSIE Invited Talk & ICSIE III	ICCIIS II	ICAEM VI
The End of the Presentations of the Second Day of the Congress					
19:00 – 21:00	WCE Congress Dinner				

Day Three (4 July, 2007, Wednesday)

	Room A	**Room B**	**Room D**	**Room E**
8:00 – 8:30	Tea/Coffee Break			
8:30 –10:30	ICSIE Keynote Speech & ICSIE IV	ICPDC Keynote Speech & ICPDC	ICME V	ICSBB I
10:30 –11:00	Tea/Coffee Break			
11:00 – 12:30	ICEEE Tutorial & Invited Talk	ICSIE V	ICME VI	ICSBB II
12:30 – 13:30	WCE Congress Lunch			
13:30 – 15:15	ICME Tutorial & ICME VII	ICISIE Invited Talk & ICISIE	ICCSE III	ICCIIS III
15:15 – 15:45	Tea/Coffee Break			
15:45 – 18:00	ICME VIII	ICEEE V	ICCSE IV	ICCIIS IV
The End of the Third Day of the Congress				

Congress Topics

ICAEM	The 2007 International Conference of Applied and Engineering Mathematics
ICCIIS	The 2007 International Conference of Computational Intelligence and Intelligent Systems
ICCSDE	The 2007 International Conference of Computational Statistics and Data Engineering
ICCSE	The 2007 International Conference of Computer Science and Engineering
ICDMKE	The 2007 International Conference of Data Mining and Knowledge Engineering
ICEEE	The 2007 International Conference of Electrical and Electronics Engineering
ICFE	The 2007 International Conference of Financial Engineering
ICIE	The 2007 International Conference of Information Engineering
ICISIE	The 2007 International Conference of Information Security and Internet Engineering
ICME	The 2007 International Conference of Mechanical Engineering
ICMEEM	The 2007 International Conference of Manufacturing Engineering and Engineering Management
ICPDC	The 2007 International Conference of Parallel and Distributed Computing
ICSBB	The 2007 International Conference of Systems Biology and Bioengineering
ICSIE	The 2007 International Conference of Signal and Image Engineering
ICWN	The 2007 International Conference of Wireless Networks

Venue

South Kensington Campus, Imperial College London, London, U.K
- Seminar Room A: Skempton Lecture Theatre 201
- Seminar Room B: Skempton Lecture Theatre 207
- Seminar Room C: Skempton Lecture Theatre 208
- Seminar Room D: Skempton Conference Room 227
- Seminar Room E: Skempton Conference Room 228
- Refreshment and Congress Meeting Lunch: Skempton CL Level 1 & 2 Foyer/Outdoor
- WCE 2007 Multiconference Dinner: Skempton ANTE

Note: WCE 2007 reception counter is situated directly outside Skempton Lecture Theatre 201

Map

Refer to the back cover

Sessions Details

There are fifteen to twenty minutes for each presentation (including questions and discussions). LCD projectors are available for the presentation (A few overhead projectors are available at the reception counter).   And, it would be our convenience if the PowerPoint/PDF presentation files can be loaded into the provided notebook/PC before the start of the corresponding sessions. In each session, the presentation will follow the order shown below in its corresponding session.

WCE Keynote Speeches

By Prof. Magdi Bayoumi
Director of The Center for Advanced Computer Studies (CACS)
Department Head of the Computer Science Department
University of Louisiana at Lafayette, USA
> Topic: Wireless Sensors Networks: Current and Future Challenges
> **Day One (11:00 - 11:40) at Seminar Room C**

By Prof. Andrew Hunter
Head of Department
Head of Vision and AI Research Group
Computing and Informatics
Lincoln University, UK
> **Day One (8:30 - 9:30) at Seminar Room A**

By Prof. Leonid Gelman (honorary co-chair)
Chair in Vibro-Acoustic Monitoring Chairman of COMADIT,
British Institute of NDT Director, Centre of Vibro-Acoustics and Fatigue
Cranfield University, UK
> **Day One (11:00 - 11:40) at Seminar Room A**

Conference Keynote Speeches

ICAEM 2007 Keynote Speech I

By Prof. Sergei V. Utyuzhnikov
Senior Research Fellow
School of Mechanical, Aerospace & Civil Engineering,
University of Manchester, UK
> Topic: Methods for Quasi-even Generation of Pareto Frontier in Multiobjective
> Optimization used in Engineering Design
> **Day One (13:30 - 14:20) at Seminar Room A**

ICAEM 2007 Keynote Speech II

By Prof. Alexander G.Ramm
Professor, Mathematics Department,
Kansas State University, USA
> **Day Two (8:30 - 9:30) at Seminar Room A**

ICCSE 2007 Keynote Speech

By Prof. Tarek El-Ghazawi
Professor, Department of Electrical and Computer Engineering,
Founding Co-Director of the High-Performance Computing Laboratory
The George Washington University, USA
> Topic: Design and Application of Adaptive Cerebellar Model Articulation Controller
> **Day One (13:30 - 14:20) at Seminar Room C**

ICEEE 2007 Keynote Speech

By Prof. Noel Shammas
Professor in Microelectronics and Solid-State Power Semiconductor Devices
Faculty of Computing, Engineering and Advanced Technology, Staffordshire University, UK
Topic: Semiconductor Devices and their use in Power Electronic Applications
Day Two (13:30 - 14:20) at Seminar Room C

ICME 2007 Keynote Speech

By Prof. Dimitris Drikakis, FRAeS, FIoN
Professor and Head of Aerospace Sciences Department
Chair of Fluid Mechanics and Computational Science
Cranfield University, School of Engineering
Day One (15:45 - 16:25) at Seminar Room A

ICPDC 2007 Keynote Speech

By Dr. Khaled Benkrid
Lecturer in the School of Engineering and Electronics,
The University of Edinburgh, UK
Topic: High Performance Reconfigurable Computing: From Applications to Hardware
Day Three (8:30 - 9:30) at Seminar Room B

ICSIE 2007 Keynote Speech

By Prof. Andrew Todd-Pokropek
Professor of Medical Physics and Head of Department
Department of Medical Physics and Bioengineering
University College London, UK
Day Three (8:30 - 9:30) at Seminar Room A

Invited Talks

ICCIIS 2007 Invited Talk

By Prof. Bogdan Gabrys
Head of Computational Intelligence Research Group
Chair of Computational Intelligence
Chair (Academic Affairs) of KES International Research Organisation
School of Design, Engineering & Computing
Bournemouth University, UK
Topic: To Combine or Not to Combine? Multiple Classifier and Prediction Systems.
Day One (15:45 - 16:25) at Seminar Room C

ICEEE 2007 Invited Talk

By Dr. Gunti Gunarathne
Lecturer and Industrial consultant, Electronics, industrial and biomedical instrumentation,
School of Engineering, The Robert Gordon University, UK
Topic: Ultrasonics Imaging – Advancements in Non-conventional Methods
Day Three (11:00 - 12:30) at Seminar Room A

ICEEE 2007 Invited Talk

By Dr. Michael Kraft

Senior Lecturer in MEMS
Nanoscale Systems Integration Group
Electronics and Computer Science
Southampton University, UK
Topic: Microfabricated Atom Chips
Day Two (11:00 - 11:40) at Seminar Room C

ICME 2007 Invited Talk

By Dr. Mike Richardson
Manager, JLR Sustainable Mobility Projects and Hybrids, Jaguar and Land Rover
Day Two (11:00 - 12:30) at Seminar Room A

ICSIE 2007 Invited Talk

By Prof. Charles M. Falco
Chair of Condensed Matter Physics
College of Optical Sciences
University of Arizona, USA
Day One (8:30 - 9:30) at Seminar Room C

ICISIE 2007 Invited Talk

By Dr. Antoni Martínez-Ballesté
Research scientist and coordinator of the Ph.D program
Department of Computer Engineering and Mathematics, Rovira i Virgili University of Tarragona, Spain
Topic: Privacy of ICT Users: what and how
Day Three (13:30 - 14:20) at Seminar Room B

ICSIE 2007 Invited Talk

By Dr. Christos Grecos
Senior Lecturer (Associate Professor), Department of Electronic/Electrical Engineering,
Loughborough University, UK
Topic: The H264 video coding standard: Capabilities and Application Range
Day Two (15:45 - 16:25) at Seminar Room C

ICWN 2007 Invited Talk

By Dr. Elena Gaura
Reader in Pervasive Computing
Director of Cogent Computing Applied Research Centre
Faculty of Engineering and Computing
Coventry University, UK
Day Two (15:45 - 16:25) at Seminar Room A

Tutorials

ICWN 2007 Tutorial

By Dr. Elsa María Macías López and Dr. Álvaro Suárez Sarmiento
Associate Professor, and Full Professor and Head of the Telematic Engineering Department
University of Las Palmas de Gran Canaria, Spain
Day Two (13:30 - 15:15) at Seminar Room A

ICME 2007 Tutorial

By Dr. Panagiota Pantazopoulou
Research scientist
Aerospace Sciences Department
Cranfield University, UK
Topic: Introduction to computational methods in aero acoustics
Day Three (13:30 - 14:20) at Seminar Room A

ICCSDE 2007 Tutorial

By Prof. I. C. Demetriou
Professor and co-chair of ISC Comp. Stat. & Data Eng.
Department of Economics, University of Athens
Day One (15:45 - 16:25) at Seminar Room B

ICEEE 2007 Tutorial

By Dr. Gunti Gunarathne
Lecturer and Industrial consultant, Electronics, industrial and biomedical instrumentation,
School of Engineering, The Robert Gordon University, UK
Topic: Using the Universal Concept of Feedback as a powerful tool in Electronic Circuit
analysis and Design
Day Three (11:00 - 12:30) at Seminar Room A