

EMS2017 IEEE Conference Record No. # 42672

European Modelling Symposium on: Mathematical Modelling and Computer Simulation *Manchester, 20 - 21 November 2017*, Conference Venue: Jurys Inn tbc

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EMS2008, EMS2009, EMS2010, EMS2011, EMS2012, EMS2013, EMS2014, EMS2015, EMS2016

Paper Submission DEADLINE 5 October 2017 (EDAS stays open for few more days after this for late papers)

Papers are invited on any aspect of modelling and simulation to be presented at EMS2017, Manchester. The accommodation, renowned catering and conference facilities are an ideal blend of modern and historic. The venue offers an especially attractive opportunity for both professional discussion and socialising to forge new links for research collaboration and career development

Accepted papers will be published by the IEEE Conference Publishing Services (CPS) and, subject to meeting quality criteria, submitted for inclusion in IEEE Computer Society's Digital Library (CSDL) and IEEE Xplore for unparalleled worldwide presence.

Authors of selected papers will be invited to submit an extended version (up to 20 pages, one extra page minimum on the conference paper with amended abstract, conclusions and title to reflect the additional material) for publication in the International Journal of Simulation: Systems, Science & Technology, IJSSST (<http://ijssst.info>).

The event provides authors with an outstanding opportunity for networking and presenting their work at a top quality international conference. EMS2017 will be held over 3 day period in Manchester, UK.

Tracks/Themes: Intelligent Systems- Hybrid Intelligent Systems- Soft Computing and Hybrid Soft Computing- Computational Intelligence- Systems Intelligence- Intelligence Systems- Control of Intelligent Systems- Control Intelligence- e-Science and e-Systems, Robotics, Cybernetics, Engineering, Manufacturing and Control - Methodologies, Tools and Operations Research - Bio-informatics and Bio-Medical Simulation- Discrete Event and Real Time Systems- Image, Speech and Signal Processing- Industry, Business and Management - Human Factors and Social Issues- Energy, Power Generation and Distribution - Transport, Logistics, Harbour, Shipping and Marine Simulation- Supply Chain Management- Virtual Reality, Visualization and Computer Games- Parallel and Distributed Architectures and Systems- Internet Modelling, Semantic Web and Ontologies- Mobile/Ad hoc wireless networks, mobicast, sensor placement, target tracking- Performance Engineering of Computer & Communication Systems- Circuits, Sensors and Devices. Suggested topics (other topics are also welcome): Simulation methodology and practice, languages, tools and techniques. Models and modelling tools. Data/object bases. Analytical and statistical tools. Simulators and simulation hardware, training simulators. Integration of simulation with concurrent engineering, integrated design and simulation systems. AI, intelligent systems, agent-based simulation, decision support systems, philosophical issues, analogies, metaphors, knowledge modelling, acquisition and synthesis of new knowledge/models, intelligent/adaptive behaviour, man/machine interaction, control systems. Parallel and distributed simulation, discrete event systems. Artificial neural networks, computational intelligence.

Applications: aerospace; remote sensing; electronic circuits and systems; communication and networks; business; management; finance; economics; leisure, games, war/conflict/rebellion modelling; psychology, cognitive functions, behaviour, emotion, subjectivity; humanities, literature, semantics modelling/dynamics; biology; medicine; public health; energy, power generation and distribution, manufacturing; planning; control; robotics; measurement; monitoring; energy; safety critical systems; transportation; structural mechanics and civil engineering, oil and gas; education and training; military. **Exhibitors:** manufacturers of software and hardware, publishers, etc., are invited to apply to exhibit their products. EMS2017 is organised and sponsored by UK Simulation Society/Asia Modelling and Simulation Section, and Technically-Co-Sponsored by IEEE UK & RI Computer Chapter. Patrons, Promoters and supporters of the conference include: Nottingham Trent University, EUROSIM and European Council for Modelling & Simulation, Universities in Europe and Asia, see website ems2017.info for full list.

Submission Guidelines: Submissions must be original, unpublished work containing new and interesting results that demonstrate current research in all areas of modelling and simulation and their applications in intelligent systems for science, technology, business and commerce.

Full papers only, 6 pages maximum, are accepted for review.

Submission implies the willingness of at least one of the authors to register and present the paper.

Paper Submission: EMS2017 is using EDAS for submission, paper processing and registration, authors need to:

- create an account with EDAS by clicking on the link below
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In case of difficulty send your paper to ems2017-chairs@edas.info.

Conference website <http://ems2017.info>