

Proceedings of CGAMES'2008

**13th International Conference on
Computer Games:
AI, Animation, Mobile, Educational and Serious Games**

3rd – 5th November 2008

Hosted by

**Light House Media Centre
Wolverhampton, UK**

Organised by

**School of Computing and Information Technology
University of Wolverhampton**

And sponsored by

**IEEE Computer Society Technical Committee on Simulation (TCSIM)
IEEE Computer Society (Louisville Chapter)
Society for Modelling and Simulation (SCS-Europe)
Institution of Electrical Engineers (IEE)
British Computer Society (BCS)
Digital Games Research Association (DiGRA)
Serious Games Institute, Coventry University, UK
International Journal of Intelligent Games and Simulation (IJIGS)**

Edited by:

**Quasim Mehdi
Robert Moreton
Stuart Slater**

**Published by The University of Wolverhampton
School of Computing and Information Technology
Printed in Wolverhampton, UK**

Proceedings of CGMES'2008 Wolverhampton
Designed by Lindsey Taylor
School of Computing and Information Technology
University of Wolverhampton,
UK

©2008 The University of Wolverhampton

Responsibility for the accuracy of all material appearing in the papers is the responsibility of the authors alone. Statements are not necessarily endorsed by the University of Wolverhampton, members of the Programme Committee or associated organisations. Permission is granted to photocopy the abstracts and other portions of this publication for personal use and for the use of students providing that credit is given to the conference and publication. Permission does not extend to other types of reproduction nor to copying for use in any profit-making purposes. Other publications are encouraged to include 300-500 word abstracts or excerpts from any paper, provided credits are given to the author, conference and publication. For permission to publish a complete paper contact Quasim Mehdi, SCIT, University of Wolverhampton, Wulfruna Street, Wolverhampton, WV1 1SB, UK, q.h.mehdi@wlv.ac.uk.

All author contact information in these Proceedings is covered by the European Privacy Law and may not be used in any form, written or electronic without the explicit written permission of the author and/or the publisher.

Published by The University of Wolverhampton, School of Computing and Information Technology

ISBN 978-0-9549016-6-0