University of Huddersfield Repository

Lucas, Gary

Proceedings of The Queen’s Diamond Jubilee Computing and Engineering Annual Researchers’ Conference 2012: CEARC’12

Original Citation


This version is available at http://eprints.hud.ac.uk/id/eprint/13391/

The University Repository is a digital collection of the research output of the University, available on Open Access. Copyright and Moral Rights for the items on this site are retained by the individual author and/or other copyright owners. Users may access full items free of charge; copies of full text items generally can be reproduced, displayed or performed and given to third parties in any format or medium for personal research or study, educational or not-for-profit purposes without prior permission or charge, provided:

- The authors, title and full bibliographic details is credited in any copy;
- A hyperlink and/or URL is included for the original metadata page; and
- The content is not changed in any way.

For more information, including our policy and submission procedure, please contact the Repository Team at: E.mailbox@hud.ac.uk.

http://eprints.hud.ac.uk/
Proceedings of
The Queen’s Diamond Jubilee Computing and Engineering Annual Researchers’ Conference 2012

CEARC’12

Edited By: Prof. Gary Lucas

Organising Committee: Prof. Gary Lucas, Mrs. Gwen Wood, Mr Chris Sentance
Introduction

It is my pleasure to introduce you to the proceedings of the ‘Diamond Jubilee Researchers’ Conference (2012)’. This conference, and these proceedings, showcase and celebrate the work of our PhD research students in the School of Computing and Engineering. The conference this year has been named to reflect another national celebration – that of the 60th anniversary of the accession of Queen Elizabeth II to the throne.

The long papers and short abstracts presented in these proceedings reflect the wide range and high quality of PhD research undertaken within the School and cover topics as varied as ‘magnetohydrodynamics’, ‘three dimensional metrology’, ‘data mining’ and ‘wireless patient diagnosis systems’. The long papers have undergone a refereeing process and I would like to take this opportunity to thanks the referees for their hard work. Several of the long papers have been selected for oral presentation on the day of the conference, whilst each short abstract is associated with a poster which is also displayed on the day of the conference.

The combination of formal refereeing, use of a standard paper template, oral presentations and a poster display is intended to give an ‘international conference’ atmosphere and I have found that this provides invaluable experience for our research students who may never have previously submitted a paper to a conference. The conference and these proceedings together provide insight into, and a useful record of, the School’s research activities over the past 12 or so months. However it is also to be hoped that they provide encouragement to those students who may be thinking of undertaking a research degree in the future, particularly final year undergraduate students and those currently undertaking taught MSc courses.

Finally, I would like to thank all of the authors for their contributions.

Professor Gary Lucas
(School of Computing & Engineering).