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Preface

We are delighted to present the proceeding for the 5th Student Conference on Operational Research (SCOR 2016). The aim of SCOR is for students who are studying Operational Research, Management Science or a related field to share their work, practice their presentation skills, receive constructive feedback, and network in a relaxed and friendly environment.

The conference took place from Friday the 8th to Sunday the 10th of April 2016 at the University of Nottingham’s Jubilee campus where we welcomed delegates from the UK, Europe and even further afield. Of those who attended, 43 presented their work across several streams which included: Data Envelopment Analysis, Graphs and Networks, Healthcare, Mathematical Programming, Metaheuristics, Multiple Criteria Decision Analysis, Operations Management, Optimisation, Safety and Reliability Analysis, Simulation, Stochastic Modelling, Transport and Logistics, and Vehicle Routing. This year’s prize and runner-up award for Best Presentation (sponsored by Nationwide) were presented to Carlos Lamas-Fernandez and Jussi Rasku, respectively.

Along with our delegates’ talks we were also happy to have plenary talks from four excellent invited speakers: Louise Allison (The OR Society), Ralf Keuthen (EY), Timo P. Kunz (Net-a-Porter.com) and Richard Wood (Prinicipality). These plenary talks covered a range of topics from outlining the benefits of OR Society membership, a series of case studies highlighting how OR is used in the consulting industry, the desirable skills OR students have for careers outside of academia, and how OR techniques can be used for contingency planning against bio-terrorism. Returning from 2014, we welcomed back Piero Vitelli (Island41) to round off our first day with a shortened version of his “Potential Energy” workshop on presentation skills.

On behalf of the organising committee, we’d like to thank all of our sponsors and partners. This year we were blessed with sponsorship from the OR Society, EY, Nationwide, Prospect Recruitment, and Gower Optimal Algorithms Ltd. (G.O.A.L.), along with being partnered with the National Taught Course Centre in Operational Research (NATCOR) and the University of Nottingham. The conference never would have taken place without the support and encouragement of these institutions.

Finally, we’d like to thank the authors who submitted a paper for this year’s proceedings. The review process was based on the presentation, quality and originality of the research and there were at least two referees assigned to each paper.

Thank you to everyone who was involved in SCOR 2016, this truly is a conference made special by those who attend it.

Bradley Hardy
Abroon Qazi
Stefan Ravizza
## Organisation

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