Quantum Interaction

7th International Conference, QI 2013
Leicester, UK, July 25–27, 2013
Selected Papers
Preface

At the time of writing this preface, it is now more than six years ago that the first Quantum Interaction conference took place at Stanford University. It is probably no exaggeration to claim that the group of people who originally set up this conference were barely thinking of the eventuality that this conference would develop into a series. But it did and we are proud to announce that this volume published by Springer in the LNCS series, gathers the output of accepted papers at the seventh Quantum Interaction conference which took place at the University of Leicester.

The themes of the Quantum Interaction conference series continue to revolve around four main subject pillars: (i) information processing/retrieval/semantic representation and logic; (ii) cognition and decision making; (iii) finance/economics and social structures and (iv) biological systems.

The accepted and refereed papers published in this volume are ordered according to the above four themes.

The outcome of the refereeing process this year allocated nearly 60% of all accepted papers to oral presentations. The remaining accepted papers were put in a poster session which continued throughout the full duration of the conference.

As with other Quantum Interaction conferences, this year we were again very fortunate to be able to count on the contributions of outstanding keynote speakers: Professor Nelson (Department of Mathematics - Princeton University); Professor Abramsky (Department of Computer Science - University of Oxford) and Professor Hiley (Theoretical Physics Research Unit - Birkbeck – University of London).

It is impossible to realize an event like this without the input of many people. Surely, the speakers and keynote addresses are essential. We thank all the speakers for their contributions. The input of both the Steering Committee and the Programme Committee, whose members were so active in refereeing the papers (on time!!) was essential. We also want to thank in particular Lisa Brandt for support covering virtually all the administrative details involved in the organization of this conference. We also want to thank Cheryl Hurkett for her infinite patience in setting up the website and adapting it to our ad-hoc wishes. The Centre for Interdisciplinary Science and the School of Management and the University of Leicester conference services need also to be thanked for their precious support.

December 2013

Harald Atmanspacher
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<table>
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<th>Name</th>
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<tbody>
<tr>
<td>Giuseppe Vitiello</td>
<td>Università di Salerno, Italy</td>
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<tr>
<td>Dominic Widdows</td>
<td>Microsoft Bing, USA</td>
</tr>
<tr>
<td>Guido Zuccon</td>
<td>The Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia</td>
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**Website**

| Cheryl Hurkett | University of Leicester, UK |
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