

The Logica Yearbook
2012

The Logica Yearbook
2012

Edited by

Vít Punčochář
and
Petr Švarný

© Individual author and College Publications 2013
All rights reserved.

ISBN 978-1-84890-110-0

College Publications
Scientific Director: Dov Gabbay
Managing Director: Jane Spurr

www.collegepublications.co.uk

Original cover design by Laraine Welch
Printed by Lightning Source, Milton Keynes, UK

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise without prior permission, in writing, from the publisher.

Preface

Since 1987 when the Institute of Philosophy of Czechoslovak Academy of Sciences organized the symposium Logica '87 the Logica symposia have become one of the most traditional annual conferences devoted to logic. Since 1997 speakers in the symposia have had the opportunity of publishing their contributions in The Logica Yearbook series. Last year was no exception and so we have the pleasure of introducing the latest volume of the proceedings which contains some of the papers presented at Logica 2012.

Logica 2012, held at Hejnice Monastery (North Bohemia) from 18 to 22 June 2012, was organized by the Department of Logic in the Institute of Philosophy of the Academy of Sciences of the Czech Republic. As every year, the symposium brought together logicians from many countries and besides the invited talks—invited speakers were Sergei Artemov, Warren Goldfarb, David Makinson, and Barbara Partee—about thirty other papers devoted to the various branches of logic were presented.

Both the Logica symposium and The Logica Yearbook are the result of the joint effort of many people who deserve our warmest thanks. We are very grateful to the Institute of Philosophy and especially its director, Pavel Baran, for all their support. We would like to thank College Publications and its managing director Jane Spurr. Special thanks go to Petra Ivaničová who provided invaluable assistance to the organizers of the conference.

We are also very grateful to the staff of Hejnice Monastery and to Bernard Family Brewery of Humpolec which has traditionally sponsored the social programme of the symposium. Neither the publication of this volume, nor the conference Logica 2012 itself would be possible without the Grant Agency of the Czech Republic which provided significant support by financing the grant project no. P401/10/1279.

Last, but not least, we would like to thank all the authors for their exemplary collaboration during the editorial process.

Prague, May 2013

Vít Punčochář and Petr Švarný

Contents

| | |
|--|----|
| <i>Roberto Ciuni and Carlo Proietti:</i> Probabilistic Semantics for a Discussive Temporal Logic | 1 |
| <i>Christopher N. Foster:</i> Overview of a Tarskian Solution to the Iterated Prisoner's Dilemma | 15 |
| <i>Chris Fox:</i> Axiomatising Questions | 23 |
| <i>Mark Jago:</i> Are Impossible Worlds Trivial? | 35 |
| <i>Bjørn Jespersen:</i> Alleged(ly) | 51 |
| <i>Neil Kennedy:</i> On Modal Facts in Possible Worlds | 65 |
| <i>Paweł Łupkowski:</i> Cooperative Question-responses and Question Dependency | 79 |
| <i>David Makinson:</i> Advice to the Relevantist Policeman | 91 |

| | |
|--|-----|
| <i>Johannes Marti:</i> Semantic Facts on Kripke Frames | 101 |
| <i>Barbara H. Partee:</i> The Starring Role of Quantifiers in the History of Formal Semantics | 113 |
| <i>Victor Rodych:</i> Wittgenstein Completeness | 137 |
| <i>Igor Sedlár:</i> From Pair Points to Pairs of Models | 159 |
| <i>Hartley Slater:</i> Towards Being | 171 |
| <i>Petr Švarný:</i> Flow of Time & Branching | 181 |
| <i>Paul D. Thorn:</i> Cognitivist Probabilism | 201 |
| <i>Luca Tranchini:</i> An Analogy in Dummett's Views on Truth-conditional and Proof-conditional Meaning Theories | 215 |