

JOURNAL OF SOCIAL ONTOLOGY

EDITORS

Hans Bernhard Schmid
(Editor-in-Chief)
Frank Hindriks
Heikki Ikäheimo
Arto Laitinen

Mari Mikkola
Alessandro Salice
David P. Schweikard

EDITORIAL ASSISTANT

Gerhard Thonhauser

ADVISORY BOARD

Lynne Baker
Monika Betzler
Luc Bovens
Robert Brandom
Michael Bratman
Judith Butler
David Copp
Vincent Descombes
Margaret Gilbert
Natalie Gold
Sally Haslanger
Axel Honneth
Martin Kusch
Eerik Lagerspetz

Tony Lawson
Uskali Mäki
Larry May
Seumas Miller
Élisabeth Pacherie
Philip Pettit
Michael Quante
Carol Rovane
John Searle
Barry Smith
Robert Sugden
Deborah P. Tollefsen
Michael Tomasello
Raimo Tuomela

DE GRUYTER

The publisher, together with the authors and editors, has taken great pains to ensure that all information presented in this work (programs, applications, amounts, dosages, etc.) reflects the standard of knowledge at the time of publication. Despite careful manuscript preparation and proof correction, errors can nevertheless occur. Authors, editors and publisher disclaim all responsibility for any errors or omissions or liability for the results obtained from use of the information, or parts thereof, contained in this work.

ISSN 2196-9655 · e-ISSN 2196-9663

All information regarding notes for contributors, subscriptions, Open access, back volumes and orders is available online at www.degruyter.com/journals/jso

RESPONSIBLE EDITORS

Prof. Dr. Hans Bernhard Schmid (Editor-in-Chief), University of Vienna, Department of Philosophy, Universitätsstraße 7, 1010 Vienna, Austria, E-Mail: hans.bernhard.schmid@univie.ac.at

Prof. Dr. Frank Hindriks, University of Groningen, Faculty of Philosophy, Oude Boteringestraat 52, 9712 GL Groningen, The Netherlands, E-Mail: F.A.Hindriks@rug.nl

Dr. Heikki Ikäheimo, School of Humanities & Languages, UNSW Australia, Sydney, NSW 2052, Australia, E-Mail: h.ikaheimo@unsw.edu.au

Prof. Dr. Arto Laitinen, University of Tampere, School of Social Sciences and Humanities, 33014 Tampere, Finland, E-Mail: arto.laitinen@uta.fi

Prof. Dr. Mari Mikkola, Humboldt-Universität zu Berlin, Department of Philosophy, Unter den Linden 6, 10099 Berlin, Germany, E-Mail: mari.mikkola@hu-berlin.de

Dr. Alessandro Salice, University College Cork, Department of Philosophy, Elderwood 4, College Rd, Cork, Ireland, E-Mail: alessandro.salice@ucc.ie

Dr. David P. Schweikard, Westfälische Wilhelms-Universität Münster, Department of Philosophy, Domplatz 6, 48143 Münster, Germany, E-Mail: david.schweikard@uni-muenster.de

Editorial Assistant: Gerhard Thonhauser, University of Vienna, Department of Philosophy, Universitätsstraße 7, 1010 Vienna, Austria, E-Mail: gerhard.thonhauser@univie.ac.at

JOURNAL MANAGER Anna Barkhoff, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, Tel.: +49 (0)30 260 05 – 317, Fax: +49 (0)30 260 05 – 250, E-Mail: anna.barkhoff@degruyter.com

RESPONSIBLE FOR ADVERTISEMENTS Claudia Neumann, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, Tel.: +49 (0)30 260 05 – 226, Fax: +49 (0)30 260 05 – 264, E-Mail: anzeigen@degruyter.com

© 2016 Walter de Gruyter GmbH, Berlin/Boston

TYPESETTING Compuscript Ltd., Shannon, Ireland

PRINTING Franz X. Stückle Druck und Verlag e.K., Ettenheim
Printed in Germany

COVER ILLUSTRATION marigold_88/istock/Thinkstock



Contents

Articles

Jan Almäng

Legal Facts and Dependence on Representations — 1

Emmanuel Renault

Critical Theory and Processual Social Ontology — 17

Mikko Salmela and Michiru Nagatsu

Collective Emotions and Joint Action — 33

Book Symposium

Michael Tomasello

Precis of *A Natural History of Human Thinking* — 59

Henrike Moll

Tension in the *Natural History of Human Thinking* — 65

Ladislav Koreň

Joint Intentionality — 75

Michael Schmitz

A History of Emerging Modes? — 87

Glenda Satne

A Two-Step Theory of the Evolution of Human Thinking — 105

Michael Tomasello

Response to Commentators — 117

Book Symposium

Brian Epstein

Précis of *The Ant Trap* — 125

Francesco Guala

Epstein on Anchors and Grounds — 135

Mattia Gallotti

Collective Attitudes and the Anthropocentric View — 149

Brian Epstein

Replies to Guala and Gallotti — 159

Book Review

Katherine Ritchie

Deborah Perron Tollefsen: *Groups as Agents* — 173