

# **61st Annual Meeting of the International Society for the Systems Sciences (ISSS 2017)**

From Science to Systemic Solutions –  
Systems Thinking for Everyone

Vienna, Austria  
9 - 14 July 2017

ISBN: 978-1-5108-8029-0

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (2017) by International Society for the Systems Sciences (ISSS)  
All rights reserved.

Printed by Curran Associates, Inc. (2019)

For permission requests, please contact International Society for the Systems Sciences (ISSS)  
at the address below.

International Society for the Systems Sciences (ISSS)  
47 Southfield Road  
Pocklington, York  
YO42 2XE, United Kingdom

Phone/Fax: +44 (0)1759 302718

enquiryiss@gmail.com

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2633  
Email: curran@proceedings.com  
Web: www.proceedings.com

# TABLE OF CONTENTS

<b>Passive Energy Conservation for Sustainable Buildings</b> .....	1
<i>El Hadi Bouguerra</i>	
<b>A Practical Application of Critical Systems Thinking to Improve a Business Intelligence System's Business Requirements</b> .....	2
<i>Carin Venter, Roelien Goede</i>	
<b>A Systemic Integration Approach to Designing Interagency Responses to Wicked Problems</b> .....	23
<i>Pamela Sydelko, Gerald Midgley, Angela Espinosa</i>	
<b>Industry Needs for Data Warehousing Students: Using Ssm As Hermeneutic Data Analysis Tool for Interpretive Interview Data</b> .....	56
<i>Theo Mahalepa, Roelien Goede</i>	
<b>A General Systems Outlook to the Prediction-Inference Dilemma of Neuroscience Models.</b> .....	76
<i>B. Lungsi Sharma</i>	
<b>Maturity Models in Systems Research and Practice</b> .....	93
<i>Pamela Buckle</i>	
<b>What Does Constructor Theory Construct?: Knowledge As a Physical Property</b> .....	110
<i>Aleksandar Malecic</i>	
<b>The Entropocene</b> .....	136
<i>Jeffrey H. Robbins</i>	
<b>Resilience Management: from Fukushima Disaster to Boiling Oceans and Northward Viral Spread</b> .....	159
<i>Gerhard Chroust, Shigeo Atsuji</i>	
<b>Ethical Regulators and Super-Ethical Systems</b> .....	177
<i>Mick Ashby</i>	
<b>An Attempt to Epistemologically Ground Current Psychotherapy. Neither Between Nor Within: On the Eigenform and Viability of Human Complex Systems.</b> .....	195
<i>Simone Cheli</i>	
<b>System-purpose Method: Theoretical and Practical Aspects</b> .....	215
<i>Ramil Dursunov</i>	
<b>Social Responsibility and Ethical Issues of Implementation of the Smart Technology</b> .....	223
<i>Vasja Roblek, Maja Mesko, Mirjana Pejic Bach</i>	
<b>Author Index</b>	