



BRAININFO 2019

The Fourth International Conference on Neuroscience and Cognitive Brain
Information

June 30 – July 4, 2019

Rome, Italy

BRAININFO 2019 Editors

Birgit Gersbeck-Schierholz, Leibniz Universität Hannover, Germany

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© (423;) by International Academy, Research, and Industry Association (IARIA)
Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. (423;)

International Academy, Research, and Industry Association (IARIA)
412 Derby Way
Wilmington, DE 19810

Phone: (408) 893-6407
Fax: (408) 527-6351

petre@iaria.org

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

| | |
|---|----|
| Why Do Seniors Accept or Reject New Technologies? Towards Developing a Seniors Oriented Technology Acceptance Model <i>Cosmina Paul, Alexandru Sterea, Mircea Marzan, Aliko Economidou, Iztok Zilavec, Luiza Spiru, and Adrian Garleanu</i> | 1 |
| The Impact and Benefits of Innovative, Intelligent Assistive Lightening for The Cognitive Decline of the MCI Independent Seniors <i>Andrei Voicu, Mircea Marzan, Luiza Spiru, Fabio Paterno, Marco Manca, Nerisa Banaj, and Lisa-Marie Neier</i> | 7 |
| Virtual Assistant for Healthy Aging: Benefits Perceived by Elders <i>Magdalena Velciu, Mircea Marzan, Mariusz Kaczmarek, Alexey Andrushevich, Barry Teunissen, and Luiza Spiru</i> | 12 |
| Exploring a P300 Brain-Computer Interface Based on Three Different RSVP Paradigms <i>Ricardo Ron-Angevin, Maelle Abadie, Maelle Cloarec, Martin Filosa, Maurine Jouault, Quentin Pestre-Sorge, Veronique Lespinet-Najib, Jean-Marc Andre, and Liliana Garcia</i> | 16 |