

EEG-based Brain-Computer Interfaces
for Healthcare Applications

Ivan Volosyak (Hrsg.)

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Shaker Verlag
Aachen 2016

Bibliographic information published by the Deutsche Nationalbibliothek

The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at <http://dnb.d-nb.de>.

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Printed in Germany.

ISBN 978-3-8440-4130-9

Shaker Verlag GmbH • P.O. BOX 101818 • D-52018 Aachen

Phone: 0049/2407/9596-0 • Telefax: 0049/2407/9596-9

Internet: www.shaker.de • e-mail: info@shaker.de

Preface

This book contains the selection of papers presented at EBCI workshop: EEG-based Brain-Computer Interfaces for Healthcare Applications, held during July 1-2, 2015 at the Rhine-Waal University of Applied Sciences in Kleve, Germany.

This scientific workshop is a part of a joint research project funded through “NZ-Germany Science & Technology Programme”, a programme to promote exchange of researchers between New Zealand and Germany; the local funding is provided by the German Federal Ministry of Education and Research (BMBF) under grant 01DR14014. This research project is conducted in close cooperation between Prof. Dr. Volosyak, Rhine-Waal University of Applied Sciences and Prof. Dr. Xie, University of Auckland.

The chapters of this book represent a large part of the presentations of this workshop. Some chapters contain enlarged versions of already published papers. The book contains in total eight chapters, which are grouped in two parts. Part 1 is devoted to regular papers, presented by experienced researchers; the chapters included in Part 2 cover students’ submissions.

Last but not least, as the Editor of present workshop proceedings, I would like to take this opportunity to express my heartiest appreciation for all the authors who have worked on their chapters with dedication and integrity and contributed to this book. I would also like to thank Dr. Hans-Jörg Stähle and Ms. Petra Bauer from the DLR management agency, a research funding organization supporting the Federal Ministry of Education and Research (BMBF) for the scientific and administrative coordination of this research project.

Kleve,
November 2015

Ivan Volosyak

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