

CONTENTS

<i>Václav Chlumský, Dalibor Klusáček, Miroslav Ruda</i> The extension of TORQUE scheduler allowing the use of planning and optimization in grids	5
<i>Sandra Bergmann, Mathilde Romberg, Alexander Klenner, Marc Zimmermann</i> Information extraction from chemical patents	21
<i>Šimon Tóth, Miroslav Ruda</i> Practical experiences with Torque meta-scheduling in the Czech National Grid	33
<i>Włodzisław Duch, Wiesław Nowak, Jarosław Meller, Grzegorz Osiński, Krzysztof Dobosz, Dariusz Mikołajewski, Grzegorz M. Wójcik</i> Computational Approach to Understanding Autism Spectrum Disorders..	47
<i>Michał Marks, Jarosław Jantura, Ewa Niewiadomska-Szynkiewicz, Przemysław Strzelczyk, Krzysztof Gózdź</i> Heterogeneous GPU&CPU cluster for High Performance Computing in cryptography	63
<i>Piotr Poznański, Mariusz Wawrowski</i> Improving software systems by Flow Control Analysis	81
<i>G. Pierantoni, B. Coghlan, E. Kenny</i> The use of standards in HELIO	93
<i>J. Chwastowski, R. Grzymkowski, M. Kruk, M. Nabożny, Z. Natkaniec, A. Olszewski, H. Pałka, Z. Sobocińska, T. Sośnicki, M. Szostak, P. Syktus, M. Witek, P. Wójcik, T. Wojtoń, M. Zdybał, B. Żabiński</i> The CC1 project – system for Private Cloud Computing	103
<i>Anna Barnacka, Leszek Bogacz, Mira Grudzińska, Mateusz Janiak, Nukri Komin, Giovanni Lamanna, Rafał Moderski</i> Monte Carlo simulations for the Cherenkov Telescope Array Observatory using PL-Grid e-infrastructure	113
<i>Fernando A. Mikic, Juan C. Burguillo, Ana Peleteiro, Marta Rey-López</i> Using tags in an AIML-based chatterbot to improve its knowledge.....	123