

## Foreword

The 6th Warsaw School of Statistical Physics took place in Sandomierz from June 25 to July 2, 2016. The change of place (the previous schools were organized in Kazimierz Dolny) had no influence on the character of the school. As before, the primary goal of each of our invited speakers was to give a series of lectures which - in a pedagogical way - introduced selected topics in modern statistical physics with the idea of arriving at open problems. The idea was to inspire the audience to make research related to presented topics.

The lectures were given by distinguished physicists from France, Germany, Denmark, United Kingdom and USA. They were attended by an international audience composed mostly of young scientists.

The present volume contains the lecture notes which the invited speakers kindly agreed to publish. We are convinced that their appearance in print will promote the research in the field of statistical physics.

Scientific Organizing Committee:  
Bogdan Cichocki  
Marek Napiórkowski  
Jarosław Piasecki  
Piotr Szymczak

For further information about past and forthcoming Schools see:  
<http://www.fuw.edu.pl/~wssph/>