

## Preface

This issue of the Archives of Mechanics contains papers presented at the XVIII Polish Fluid Mechanics Conference (KKMP), 21–25 September, 2008. The KKMP conference started as a national event, running parallel to the truly international *West-East* fluid mechanics meetings organized by Prof. W. Fiszdon (Biennial Symposia on Advanced Problems and Methods in Fluid Mechanics). When after 1990 it was possible to convert the *Fiszdon's meetings* into the Euromech Fluid Mechanics Conference, the KKMP became the most important fluid mechanics conference in Poland. Hence, since last few editions of the KKMP, most of the papers are presented in English, keynote speakers from abroad are invited, and participants of high-quality conference papers are encouraged to submit a full text of the presentation to the selected, internationally recognized journals.

The XVIII KKMP conference, organized by Prof. Piotr Doerffer from the Institute of Fluid-Flow Machinery Polish Academy of Sciences, was one of the most successful meetings, both from the scientific and the social point of view. The conference program with seven invited lectures and 94 contributions covered most of the actual fields of fluid mechanics. More details can be found on the conference webpage <http://www.kkmp08.gda.pl/>.

The present and following issue of Archives of Mechanics will contain selected KKMP papers oriented according to the mission of the journal. All the papers that were submitted, were evaluated and refereed to, according to the rules of Archives of Mechanics.

We would like to thank all the authors, the reviewers and the KKMP committee members for their accurate job in selecting papers for this journal.

*Tomasz A. Kowalewski*  
*Chairman of the XVIII KKMP Scientific Committee*

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