## archives of thermodynamics Vol. 33(2012), No. 1

## Contents

3	J.L. Muñoz-Cobo, S. Chiva, M. Essa and S. Mendes: Experiments performed with bubbly flow in vertical pipes at different flow conditions covering the transition region: simulation by coupling Eulerian, Lagrangian and 3D random walks models
41	J. Mikielewicz and D. Mikielewicz: Thermal-hydraulic issues of flow boiling and condensation in organic Rankine cycle heat exchangers
67	W. Wróblewski, S. Dykas and T. Chmielniak: Models for water steam condensing flows
87	T. Bohdal, H. Charun and M. Sikora: Pressure drop during condensation of refrigerants in pipe minichannels
107	R. RZEHAK AND E. KREPPER: CFD simulation of DEBORA boiling experiments
123	R. Mosdorf and T. Wyszkowski: Chaotic air pressure fluctuations during departure of air bubbles from two neighbouring nozzles
139	D. MIKIELEWICZ, T. MUSZYŃSKI AND J. MIKIELEWICZ: Model of heat transfer in the stagnation point of rapidly evaporating microjet