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Foreword

The Tenth Symposium on General Topology and its Relations to Modern Analysis and Algebra, known familiarly as Toposym, was held in Prague from August 13–19, 2006. The Symposium was organized under the auspices of Mathematical Institute of the Czech Academy of Sciences and Centre for Theoretical Study of Charles University in cooperation with Department of Mathematics of Institute of Chemical Technology, Prague, Department of Mathematics of University of Economy, Prague, Faculty of Mathematics and Physics of Charles University in Prague, Dimatia, Charles University in Prague and Elsevier Science B.V., Amsterdam. The Organizing committee consisted of P. Simon (chairman), B. Balcar (vice-chairman), R. Roháčková (treasurer), J. Coufal, P. Holický, O. Kalenda, A. Klíč, T. Pazák and M. Zelený (members). Jan Pelant was a member of it till his death in April 2005.

The Symposium was attended by 209 active mathematicians with 47 accompanying persons from 32 countries. They presented 161 lectures, 8 posters and submitted 6 enlarged abstracts. Lectures covered all parts of contemporary general topology: Topological dynamics, geometrical topology, descriptive set theory, continua theory, dimension theory, set-theoretical topology, topological groups, Banach spaces, topological measure theory, categorial topology and spaces of continuous functions.

Plenary talks were given by B. Cascales (Universidad de Murcia, Spain), W.J. Charatonik (University of Missouri-Rolla, USA), W.W. Comfort (Wesleyan University, Connecticut, USA), G. Debs (Université Paris 6, France), D. Dikranjan (University of Udine, Italy), A. Dranishnikov (University of Florida, USA), A. Dow (University of North Carolina, USA), I. Farah (York University, Ontario, Canada), E. Glasner (Tel-Aviv University, Israel), Y. Hattori (Shimane University, Japan), H. Junnila (University of Helsinki, Finland), I. Juhász (Hungarian Academy of Sciences, Hungary), O. Kalenda (Charles University, Prague), K. Kawamura (University of Tsukuba, Japan), P. Koszmider (University of Sao Paulo, Brasilia), W. Kubiś (Akademia Świętokrzyska, Poland), K. Kunen (University of Wisconsin-Madison, USA), W. Marciszewski (Warsaw University, Poland), J.T. Moore (Boise State University, Idaho, USA), W.B. Moors (The University of Auckland, New Zealand), L. Oversteegen (University of Alabama at Birmingham, USA), M. Raja (University of Murcia, Spain), D. Repovš (University of Ljubljana, Slovenia), J. Saint Raymond (Université Paris 6, France), O. Sipacheva (University of Moscow, Russia), S. Solecki (University of Illinois, USA), M. Tkachenko (Metropolitan University, Mexico), V. Tkachuk (Metropolitan University, Mexico), S. Todorčević (University of Toronto, Ontario, Canada and CNRS Paris, France), V. Trnková (Charles University, Czech Republic), V. Uspenskii (Ohio University, USA) and J. van Mill (Vrije Universiteit, The Netherlands).

The program for accompanying persons contained three guided tours in Prague and became unusually successful: even participants asked for a possibility to join their accompanying persons. The traditional organ concert was held on Thursday, the Saturday trip, this year to Dětenice with a visit of a castle and a local brewery, was organized by Conforg.

A brief outline of history of Toposym is included in the first paper of this volume, written by W. W. Comfort. Moreover, all participants were given a DVD with a detailed survey of all previous runs with photos and movies from several plenary talks of this and previous Symposia. Also, a part of this may be found at web pages <http://toposym.mff.cuni.cz>. Discs and web pages were prepared with an utmost care by RNDr. Tomáš Pazák, PhD.

I am greatly indebted to Bohuslav Balcar, Jan van Mill and Klaas Pieter Hart for their help with editorial work on the present volume.

Prague, September 3, 2007

Petr Simon
for the Organizing Committee