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Foreword

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FOREWORD

This is the first of three special issues of the Cahiers de Topologie et Géométrie Différentielle Catégoriques that are dedicated to our colleague Jiří Adámek on the occasion of his 60th birthday and in appreciation of his remarkable contribution to category theory and its applications to theoretical computer science.¹

Jiří Adámek obtained his Ph.D. in 1976 at Charles University, Prague, under the supervision of Věra Trnková. In 1991, he received the title of Doctor of Sciences from the Academy of Sciences of the Czech Republic.

Beginning in 1972, Jiří Adámek climbed the rungs of his academic career at the Czech Technical University in Prague, culminating in a full professorship in 1992 in the Department of Mathematics. In 1993, he was appointed Full Professor at the Technical University of Braunschweig in Germany where he is heading the Institute for Theoretical Computer Science.

Jiří Adámek has collaborated with colleagues from many countries around the world, which has led to the publication of four monographs, one textbook, and about 170 research papers. He supervised the Ph.D.'s of Lurdes Sousa, Jiří Velebil, Victor Pollara and Stefan Milius. He took many initiatives to promote research in Category Theory and Computer Science and is editor of several journals, including the Cahiers de Topologie et Géométrie Différentielle Catégoriques.

Jiří Adámek's main themes of interest are categories of algebras and coalgebras, automata theory, topological categories, locally presentable and accessible categories, and iterative theories and their algebras. This list could be much more detailed and we will not attempt to describe Jiří Adámek's main contributions to these topics. Instead, we propose the reading of his papers which are listed below. They are always enlightening and beautifully written.

We thank Madame A.C. Ehresmann for offering us the opportunity to prepare these volumes.

The Guest Editors:

Francis Borceux, Achim Jung, Jiří Rosický and Lurdes Sousa

¹We also note that in October 2007 there was a workshop in Coimbra in honour of the 60th birthdays of Jiří Adámek and Walter Tholen. Volume 21 of Theory and Applications of Categories is dedicated to Tholen's 60th birthday.

Publications of Professor Jiří Adámek

I. Monographs

- J. Adámek and J. Rosický:** *Locally presentable and accessible categories.* Cambridge University Press 1994
- J. Adámek, H. Herrlich and G.E. Strecker:** *Abstract and concrete categories.* Wiley-Interscience 1990, free electronic version: see <http://www.iti.cs.tu-bs.de/~adamek/AHS.pdf>
- J. Adámek and V. Trnková:** *Automata and algebras in a category.* Kluwer Publishing Company 1990
- J. Adámek:** *Theory of mathematical structures.* Reidel Publications, Dordrecht-Boston 1983

II. Proceedings

- J. Adámek and Saunders MacLane (editors):** *Categorical topology.* World Scientific Publishers 1989

III. Textbooks

- J. Adámek:** *Foundations of coding.* Wiley-Interscience 1991
- J. Adámek:** *Coding (in Czech).* State Technical Publishers (SNTL), Praha 1989
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- J. Adámek, V. Koubek and J. Reiterman:** *Foundations of general topology (in Czech).* State Technical Publishers (SNTL), Praha 1977

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