

# CURRICULUM VITAE

## Biographical and Personal Information

Jaroslav Nešetřil, born March 13, 1946, Brno, Czechoslovakia; Czech citizen

## Academic History

Charles University, Prague, Faculty of Mathematics and Physics, 1964 – 1969.

Universität Vienna, 1 term 1968.

McMaster University, Hamilton, Ontario, Canada, 2 terms 1969, MSc.

RNDr. degree: Charles University, Prague 1970; thesis: *Asymmetric Graphs* ( advisor: Gert Sabidussi).

CSc. (corresponding to PhD), Charles University, Prague, 1975, thesis: *Partitions of Set Systems* (advisor: Aleš Pultr).

DrSc (academic doctor degree), Charles University, Prague 1988 thesis: *Partitions of Structures*.

Habilitation defence 1987.

Full Professor defence, Charles University 1993

## Employment Record

Assistant Professor of Mathematics, Charles University, Prague (1970-1987)

Head of the Section of Operations Research of the Department of Cybernetics, Informatics and Operations Research, 1981-1986

Associate Professor of Mathematics, Charles University, Prague (1987-1993)

Head of Department of Applied Mathematics, Charles University, Prague (1986-2000)

Full Professor of Mathematics, Charles University, Prague (since 1993)

Founder and Director of Centre DIMATIA (Centre for Discrete Mathematics, Theoretical Computer Science and its Applications (joint institution of Charles University, Czech Academy of Sciences, Technical University and its foreign associates, since 1996)

Scientific Council of Charles University (since 2008).

Director of Institute of Theoretical Computer Science (ITI) of Charles University, 2000-2009.

## Honors and Awards

State Prize (1985 jointly with V.Rödl) for a collection of papers in Ramsey Theory

Corresponding member of German Academy of Sciences (Düsseldorf), 1996

Dr.h.c. University of Alaska (Fairbanks), 2002.

elected to the Learned Society, Prague, 2004.

Topics in Discrete Mathematics - Dedicated to Jarik Nešetřil on the Occasion of his 60th Birthday (eds. M. Klazar, J. Kratochvíl, M. Loeb, J. Matoušek, R. Thomas), Springer 2006.

Dr. h. c. Université de Bordeaux, 2009.

Academia Sinica Advisory Board (since Taiwan 2008).

## Teaching Activity

Taught since 1970 (algorithms, combinatorics, algebra, undergraduate discrete mathematics);

founder and for 25 years the chairman of Combinatorial Seminar at Charles University

selected diploma and PhD students:

Svatopluk Poljak, Jan Kratochvíl, Vladimír Puš, Ondřej Zýka, Jana Chlebíková, Robin Thomas, Martin Loeb, Igor Kříž, Martin Klazar, Pavel Valtr, Jiří Otta, Petra Špičková (Smolíková), Jana Maxová, Eva Milková, Robert Šámal, Martin Mareš, Jan Hubička, Diana Piguet, Zdeněk Dvořák, Martin Bálek, Veronika Doučková, Tomáš Valla

## Longer Visits

McMaster University 1968-9; Simon Fraser University 1 term 1985, 2 terms 1991; Humboldt fellowship Universitaet Bonn 1986-7; University of Chicago visiting professor 1 term 1989; Consultant, Bell Labs, Murray Hill, 1987, 1995; EHESS Paris (visiting professor 2001, 2008, 2009); John von Neumann Professor Universitaet Bonn 1990/91, 1995/6; Adjunct Professor University of Waterloo 1990-5; Associated member of LaBRI, Bordeaux (since 1999); Consultant Microsoft Research, 1999,2006,2007; Academia Sinica, Taiwan (1999, 2000); Mittag-Leffler Institute, Sweden, 2000; Centre Research Matematica (CRM), Universita Autonoma and Universita Politecnica, Barcelona, 2001; ETH Lecturer (Nachdiplomvorlesungen), ETH Zurich, 2001; ICREA fellow, Barcelona 2002-2004; University of Turku, 2007, Ecole Normale Superiour, Paris, 2009.

### **Lecture Activities**

I gave Colloquia and invited talks including series of talks at many academic institutions worldwide including:

Freie Universität Berlin , Tel Aviv University, Rutgers University, University of California Berkeley, University of California Los Angeles, Simon Fraser University, Burnaby,Canada, University of Waterloo, McGill University, Penn State, College Park, Akademie der Wissenschaften, Düsseldorf, Cambridge University, Oxford University, Universita di Roma (La Sapienza), Kyoto University, Hebrew University Jerusalem, Danish Technical University, Universität Köln, Universite de Paris VI, Universite Bordeaux I (LaBRI and Institute Mathematiques), Universität Wien, University of Catalunya, Barcelona, Humboldt Universität Berlin, Georgia Institute of Technology, Courant Institute of Math. Sciences in New York. ETH Zurich, Fields Institute, Toronto, CRM Montreal, DIMACS Rutgers, NEC Princenton, NSF Washington, Masaryk University Brno, Steklov Institute St Petersburg, Renyi Institute Budapest, Jagellonian University, Krakow.

### **Invited Lectures at Internatioanal Meetings** (selected):

Combinatorics and Algorithms (Barcelona 1983), Graph Drawing, (Roma 1997), SOFSEM (1980, 1982, 1997), Britisch Combinatorial Colloquium (twice), Combinatorics Day(Reading 1985), Graph Theory Day New York (1997), Hungarian Combinatorial Colloquium (several times), Jahrestagung der Deutsche Mathematiker Verein (Bielefeld 1990), Humboldt Symposium, Prague 1988, Graph Drawing (Prague 1999), NCTS Lectures (Taiwan, 1999), Mathematical Insitute Oberwolfach (several times), ETH Zürich (2000,2007), Integers Carrollton 2005; STOC 1986, 2006; Mittag-Leffler Institute (Sweden 2000), Fields Institute (Toronto 2008), CRM (Montreal 2007), Newton Institute (Cambridge 2006), 5th European Congress Mathematicians (Amsterdam 2008).

**Editorial boards** (I have been active in the following 10 editorial boards including two editor in chief)

Comment. Math. Univ. Carolinae (1986-), Combinatorica (1980-), Journal of Graph Theory (1992-), Journal of Combinatorial Theory B(1980-86), Geocombinatorics (1993-), Random Structures and Algorithms (1988-2008), SIAM Series on Discrete Mathematics (1996-), Integers - Electronic J. Comb. Number Theory (editor in chief) (1998-), Computer Science Review (editor in chief)(2007 -), Archivum Mathematicum (2002-).

**Publications** I am the author of 9 books, editor of 17 Special Volumes and Conference Proceedings. I published more than 300 publications (mostly in refereed international journals)