

# JAROSLAV NEŠETŘIL

## PERSONAL INFORMATION

Family name, First name: Nešetřil Jaroslav

Researcher ID: B-1470-2008

Date of birth: March 13, 1946

Nationality: Czech

URL for web site: <http://iuuk.mff.cuni.cz/~nesetril/en/>

## EDUCATION

- 1988 DrSc. (academic doctor degree), Thesis: *Partitions of Structures*.  
Charles University, Prague, Czechoslovakia
- 1975 CSc. (corresponding to PhD), Thesis: *Partitions of Set Systems* (advisor: Aleš Pultr).  
Charles University, Prague, Czechoslovakia
- 1970 RNDr., Thesis: *Asymmetric Graphs* (advisor: Gert Sabidussi).  
Charles University, Prague, Czechoslovakia
- 1969 MSc.  
McMaster University, Canada (2 terms)
- 1968 Universität Vienna (1 term, fall 1968)
- 1964 – 1968 Master  
Faculty of Mathematics and Physics, Charles University, Prague, Czechoslovakia

## CURRENT POSITION(S)

- 1970 – Charles University, Prague
- 1993 – Full Professor of Mathematics  
Faculty of Mathematics and Physics, Charles University, Prague

## AWARDS

- 1985 State Prize (jointly with V.Rödl) for a collection of papers in Ramsey Theory
- 2002 Dr.h.c. University of Alaska (Fairbanks)
- 2006 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, 627p. (This book by my former students I consider as one of the greatest honours.)
- 2009 Dr.h.c. Université de Bordeaux
- 2010 Medal of Merit (Czech Republic)
- 2010 Neuron Prize for lifetime Achievement.
- 2016 Gold medal of Charles University
- 2018 Donatio Prize of Charles University

## SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

total 20 finished PhD students including:

Svatopluk Poljak, Jan Kratochvíl, Vladimír Puš, Jana Chlebíková, Robin Thomas, Martin Loeb, Martin Klazar, Pavel Valtr, Jiří Otta, Petra Špičková (Smolíková), Jana Maxová, Eva Milková, Robert Šámal, Martin Mareš, Jan Hubička, Diana Piguet, Zdeněk Dvořák, Tomáš Valla, Pavel Klavík, David Hartman.

Many master students including I. Kříž and most of my PhD students. Supervised many postdoctoral fellows for example during 4 Doccourse programs.

## TEACHING ACTIVITIES

Taught since 1970 (algorithms, combinatorics, algebra, undergraduate discrete mathematics); founder and for 25 years the chairman of Combinatorial Seminar at Charles University

## EDITORIAL ACTIVITIES

as **editor-in-chief**: INTEGERS: the Electronic Journal of Combinatorial Number Theory (since 1998, jointly with M. Nathanson and C. Pommerance); Computer Science Review (since 2006 - 2021, jointly with J. Diaz),

as **editorial board member**: Journal of Combinatorial Theory, Series B (1980-1986); Combinatorica (since 1980); Commentationes Mathematicae Universitatis Carolinae (since 1986); Random Structures & Algorithms (1988-2008); Journal of Graph Theory (since 1992); Geocombinatorics (since 1993); SIAM Series on Discrete Mathematics (since 1996); Archivum Mathematicum (since 2002); AKCE International Journal of Graphs and Combinatorics (since 2006); European Journal of Combinatorics (since 2008), Discussiones Mathematicae Graph Theory (advisory Editor since 2010), Journal of European Math. Soc. (since 2014).

### **PUBLICATIONS**

I am the author of **9 books**, editor of **18 Special Volumes and Conference Proceedings**. I published more than **350 publications** (mostly in refereed international journals) with more than **9000 citations**.

### **INSTITUTIONAL RESPONSIBILITIES**

- 1996 – 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 11 foreign associates)
- 2008 – Academia Sinica Advisory Board, Taiwan
- 2011 – Director of Institute of Theoretical Computer Science (ITI)  
Faculty of Mathematics and Physics, Charles University, Prague
- 2006 – Chairman of the Czech Committee of Mathematics (the Czech partner of IMU)
- 2010 – Chairman of Scientific Council, PR China  
Department of Mathematics, Zhejiang Normal University, Jinhua, China

### **COMMISSIONS OF TRUST**

- 2007 – Scientific council of Charles University
- 2007 – 2011 ERC, member of mathematics panel
- 2013 – Member of the Advisory Board of the Institute of Mathematics Academia Sinica
- 2015 – 2017 GAČR Chairman of Mathematics Panel of Czech Grant Agency.
- 2010 – 2014 Main programme committee of ICM 2014 (Seul)
- 2014 – Scientific advisor board of Centre Research Math. (CRM, Barcelona)
- 1990-1992 John von Neuman Professor, Universitat Bonn
- 1993-1997 Professor Adjunct, Department of Combinatorics and Optimization, University of Waterloo
- 2000-2003 ICREA fellow, UPC Barcelona
- 2013 – 2020 Member of the Advisory Board of the Institute of Mathematics, Academia Sinica (Taiwan)

### **MAJOR COLLABORATIONS**

- Vojtěch Rödl Ramsey Theory, Department of Mathematics and Computer Science, Emory Univ., USA
- Robin Thomas Structural Graph Theory, School of Mathematics, Georgia Institute of Technology, USA
- Pavol Hell Graph homomorphisms, School of Computing Science, Simon Fraser University, USA
- Jiri Matousek Discrete Mathematics, Department of Applied Math., Charles Univ., Prague
- Patrice Ossona de Mendez, EHESS, Paris
- Petr Pančoška Analytic mathematics, Univ. Pittsburgh Medical Centre, Pittsburgh