

About Michal Křížek's activities in popularization of science

Prof. Michal Křížek is author or co-author of about 150 such popularization works, including 10 books. Apart from giving many public lectures and organizing public seminars, he has been also Editor-in-Chief of the journal *Pokroky matematiky, fyziky a astronomie* (Advances of Mathematics, Physics and Astronomy) since 2001 and of the journal *Applications of Mathematics* since 2009. His writings range from number theory, geometry, combinatorics and cryptology via numerical analysis and computational methods to group theory, graph theory, mathematical physics, genetics and biology, and even cosmology, astronomy, and the history of mathematics. His papers appear in a wide spectrum of Czech, Slovak and international journals popularizing science, including *Mathematical Spectrum*, *Notices of American Mathematical Society*, *Mathematical Culture*, *Visiona* etc.

Different variants of his lectures about mathematical aspects of the Prague Astronomical Clock are attracting a large audience ranging from children over high-school students to teachers and scholars and traditionally constitute the most demanded programme of the Open Door Days in the Institute of Mathematics.

The area of his interests is amazingly broad, encompassing numerical analysis, computational methods, geometry, group theory, graph theory, mathematical physics, genetics, biology, cosmology, astronomy and history of mathematics.