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## Jan Kalina

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**RNDr. Jan Kalina, Ph.D.,** is a research scientist at the Institute of Computer Science of the Academy of Sciences of the Czech Republic, Department of Medical Informatics and Biostatistics.

He graduated from Faculty of Mathematics and Physics of Charles University in Prague in 2001 with major in Probability and Mathematical Statistics. He started the doctoral studies at Charles University in Prague and continued from 2004 as a research assistant at the University of Duisburg-Essen (Germany), where he defended the Ph.D. thesis on image analysis in 2007. Then he worked at the Faculty of Mathematics and Physics of Charles University in Prague. Since 2010 he works at the Institute of Computer Science of the Academy of Sciences of the Czech Republic.

His research interests include robust and high-dimensional statistical methods and applications of statistics to image analysis or econometrics.

He supervises bachelor and master theses at Charles University and has anexperience with teaching Statistics courses at pregraduate level.

In 2012, he obtained a prestigious award of the Academy of Sciences of the Czech Republic for younger scientists (Otto Wichterle Award). In 2012, he won a gold medal at Fame Lab Olympics in Dublin in an international competition in science communication.

He is a member of the Czech Statistical Society, International Society for Clinical Biostatistics and Czech Medical Association of J.E. Purkyně.

*Recent publications:*

• Kalina J. (2012): On multivariate methods in robust econometrics. Prague

Economic Papers 21 (1), 69-82.

- Kalina J. (2012): Implicitly weighted methods in robust image analysis. Journal of Mathematical Imaging and Vision 44 (3), 449-462.
- Jurečková J., Kalina J. (2012): Nonparametric multivariate rank tests and their unbiasedness. Bernoulli 18 (1),229-251.
- Saleh A.K.Md.E., Picek J., Kalina J. (2012): R-estimation of the parameters of a multiple regression model with measurement errors. Metrika 75 (3), 311-328.
- Kalina J. (2012): Facial symmetry in robust anthropometrics. Journal of Forensic Sciences 57 (3), 691-698.