

Dominik Ślęzak
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Dominik Ślęzak received Ph.D. degree in Computer Science in 2002 from [University of Warsaw](#), Poland, and D.Sc. degree in 2011 from [Institute of Computer Science of Polish Academy of Sciences](#). In 2002 he started working as Assistant Professor in [Polish-Japanese Academy of Information Technology](#), Poland, and then at [University of Regina](#), Canada. In 2005 he co-founded [Infobright](#), where he worked as Chief Scientist until 2017. In 2009 he re-joined University of Warsaw, where he currently holds professorship position in Institute of Informatics. He also cooperated as Adjunct Professor with [McMaster](#) and [York University](#) in Canada.

Dominik is continually involved in academic and industry R&D projects, in the fields of Artificial Intelligence, Machine Learning and Knowledge Discovery. His research has strong roots in Rough Set Theory co-developed by his scientific supervisor and mentor, Professor [Andrzej Skowron](#). His interests concentrate on Data Exploration and Decision Support methods that should be easy to use by practitioners. In Infobright he co-designed [Analytical Database Engine](#) aimed at fast low-resource processing of massive volumes of machine-generated data, based on the paradigms of Columnar Data Stores and Rough Set Approximations. In 2015 he started co-designing a new highly scalable [Approximate Analytics Engine](#) based on the elements of Approximate Computing and Information Granulation, which is now deployed in cooperation with [Security on Demand](#). In addition, since 2012 he has been active as co-organizer of open international data mining challenges at [Knowledge Pit](#). He also played leading roles in several government-funded projects in the area of Intelligent Risk Management including [ICRA](#) and [DISESOR](#).

Dominik co-edited over 30 scientific books and volumes of conference proceedings. He co-authored over 150 papers for books, journals and conferences. He is co-inventor in five US patents. He delivered plenary talks at over 20 international scientific events including keynote at the [IEEE/WIC/ACM International Conference on Web Intelligence](#) in 2015. He also serves actively for the community. He is Associate Editor for several journals including [Brain Informatics](#) and [Information Sciences](#). He was one of Founding Editors of Springer's [Communications in Computer and Information Science](#). He co-organized over 20 international scientific conferences including a series of [FedCSIS/AAIA Symposia on AI Applications](#) (2013-2017). In 2010-2014 he served as Vice-President and President of [International Rough Set Society \(IRSS\)](#). In 2015 he was appointed as IRSS Fellow. In 2014 he received Outstanding Service Award from [Web Intelligence Consortium](#). Since 2014 he has served in [IEEE Technical Committee on Intelligent Informatics](#).