



Professor Alexander Iksanov

Born on 17.03.1972

Kyiv, Ukraine

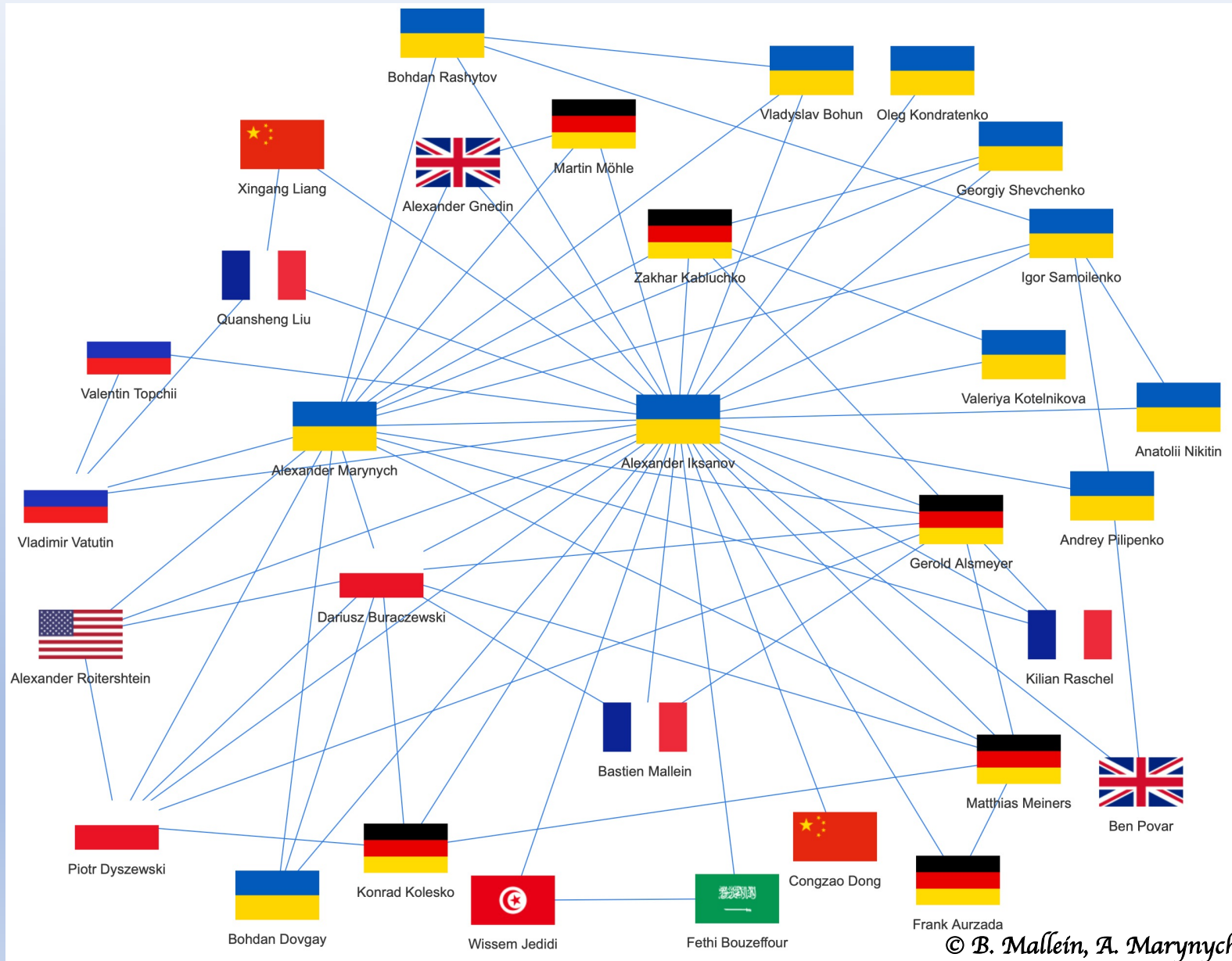
Scientific and professional path

- *in 1989 he graduated from the secondary school No. 171 (lyceum "Leader") in Kyiv;*
- *in 1995 he graduated cum laude from the Faculty of Cybernetics of Taras Shevchenko University National University of Kyiv;*
- *in 2000 he defended the Ph.D. thesis "Statistical problems related to the process of radioactive contamination" (supervisor Prof. Zakusylo O.K.);*
- *in 2002-2008 he held the position of an associate professor of the department of Operations Research at the Faculty of Cybernetics;*
- *in 2007 he defended his habilitation "Fixed points of inhomogeneous smoothing transforms" (supervisor Prof. Zakusylo O.K.);*
- *in 2008-2014 he held the professorship of the department of Operations Research at the Faculty of Cybernetics;*
- *on September 16, 2014, he was appointed to the position of the Head of Operations Research Department.*

Scientific interests

- *(AX+B)-Markov chains and perpetuities;*
- *branching random walks and other branching processes;*
- *exchangeable coalescents;*
- *fixed points of smoothing transforms;*
- *infinite occupancy schemes and infinite occupancy schemes in random environment;*
- *shot noise processes and random processes with immigration;*
- *regenerative compositions and partition structures;*
- *renewal theory and its applications;*
- *standard random walks, perturbed random walks and random walks with a barrier;*
- *topics in probabilistic number theory.*

Collaboration network since 2012



Students:

- *Former and current PhD students of A. Iksanov:*
 - *Pavlo Negadajlov* (defended in 2010);
 - *Sergiy Polotskiy* (defended in 2010);
 - *Alexander Marynych* (PhD – 2011, Habilitation - 2017);
 - *Bohdan Rashytov* (4th year);
 - *Oksana Braganets* (1st year).
- *Undergraduate students already having joint papers with A. Iksanov:*
 - *Valeriya Kotelnikova* (4th year);
 - *Oleg Kondratenko* (4th year).