



For immediate release
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Dr. Kai-Uwe Schmidt awarded the 2018 Hall Medal of the ICA

Hall Medals recognize **extensive quality research with substantial international impact** by Fellows of the ICA in mid-career.

Dr. Kai-Uwe Schmidt has repeatedly made outstanding contributions concerning algebraic, analytic and probabilistic techniques for combinatorial problems in coding theory and cryptography. He has published about forty papers in the best journals, covering a substantial breadth. The hallmark of Dr. Schmidt's research is the development of novel, fundamental theory that addresses practical applications. In particular, his research on merit factor, exceptional polynomials, configurations in finite projective planes, and vector spaces over finite fields have all been influential in developing deep theory for practical problems. Dr. Schmidt is increasingly recognized as a leader in his field through invitations to speak at numerous international conferences and to join prestigious editorial boards. His nominators characterize his work as "expert", "brilliant", "extremely important", and "elegant".

The Institute of Combinatorics and its Applications is an international scholarly society that was founded in 1990 by Ralph Stanton; the ICA was established for the purpose of promoting the development of combinatorics and of encouraging publications and conferences in combinatorics and its applications.