



For immediate release
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2025 Hall Medal awarded to Binzhou Xia

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

Dr. Binzhou Xia has made outstanding contributions to algebraic graph theory and permutation group theory. With profound knowledge and strong technical skills in these areas he has produced many significant results and solved several long-standing problems on various important topics. His work exhibits both depth and breadth – he is incredibly capable of applying group theory to obtain deep results on a broad range of problems in algebraic graph theory. With coauthors he solved a 30-year-old open problem on 2-arc-transitive digraphs, classified all factorisations of almost simple groups with one soluble factor, classified factorisations of finite classical groups with non-soluble factors, solved a 40-year-old problem on card shuffling groups posed by Diaconis, Graham and Kantor, and proved a 40-year-old conjecture on full automorphism groups of Cayley graphs posed by Babai, Godsil, Imrich and Lovász, to name only a few of his contributions. His excellence in research is evidenced by both the quality and quantity of his publications. He has published 58 papers mostly in high-ranking international journals, which is an admirable achievement for a researcher only eleven years past his PhD.

For these reasons we believe Binzhou Xia to be highly qualified to receive the prestigious Hall Medal of ICA.

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.