

## **2020 Hall Medal awarded to Jie Ma**

Jie Ma has made outstanding contributions in the fields of extremal and probabilistic combinatorics, and structural graph theory. He obtained several important results in the study of hypergraph Turan numbers, and proved several conjectures on the distribution of cycle lengths in graphs. He solved, or asymptotically solved, several open problems by Bollobas and Scott on judicial partitions of graphs and hypergraphs, which is a “very strong, impressive record”. Using “sophisticated arguments and novel tools”, he has made breakthroughs on several other difficult, longstanding problems of structural and extremal flavour.

Dr. Ma has published over thirty papers in the most prestigious combinatorial journals. He is a frequent speaker at national and international conferences, and a member of recognized editorial boards.