

2016 Kirkman Medal awarded to Yue Zhou

Dr. Yue Zhou has achieved excellent influential results with many co-authors and in broad areas, three of which are modified planar functions, substructures of finite projective planes and network codes. In addition to providing several important constructions in finite planes, Dr. Zhou has improved a deep result of Leung and Xiang on the rank of unitary codes. Dr. Zhou has introduced the concept of nuclei for distinguishing inequivalent network codes, and used it to determine the full automorphism groups of twisted Gabidulin codes. His nominators summarize: “all his research visits were a great success” and “Yue Zhou is a brilliant mathematician”.