

2018 Euler Medal awarded to Dieter Jungnickel

Dr. Dieter Jungnickel's research contributions span a very broad range of areas of discrete mathematics, and are characterized by his constant efforts to explore connections among topics. He has published more than 200 research papers in design theory, coding theory, difference sets, finite fields, finite geometry, operations research, and group theory. He was a driving force behind the two-volume *Design Theory* (jointly with T. Beth and H. Lenz), widely regarded as an encyclopaedic and classic reference work. More than 25 years ago (with R. Mullin and S. Vanstone) he recognized the opportunity for a forum bridging the disciplines of design theory, coding theory, and cryptography, and remains active as editor-in-chief of the resulting flagship journal *Designs, Codes and Cryptography*. He is a leader of the community through his organization of numerous conferences and workshops, and his tireless behind-the-scenes support and mentoring of junior colleagues.