**KAROLY J. BOROCZKY**, Renyi Institute of Mathematics
*Reverse Minkowski and Alexandrov-Fenchel inequalities*

Around 1992, Uli Betke and Wolfgang Weil proved a reverse Minkowski inequality for the mixed area in terms of the perimeter where equality occurs for orthogonal segments. This inequality is generalized to higher dimensions where the most general version ("Reverse Alexandrov-Fenchel inequality") is only verified for zonoids. Stability versions are also discussed. Joint work with Daniel Hug.