

# **A Hitchhikers Guide through the Zoo of Radial Kernels**

Armin Iske

University of Hamburg, Department of Mathematics

iske@math.uni-hamburg.de

## **Abstract**

This talk reflects a very personal view of the speaker on earlier and more recent developments concerning both the approximation theory and the approximation practice of radial kernel functions and their contemporary applications. Our historical journey starts in Göttingen of the early 90s, where we will gratefully pay special tribute to Robert Schaback, whose seminal contributions have taken quite significant and sustained impact on the historical development of the diverse and beautiful radial kernel zoo.