Citat on for Clarice Poon (Whitehead Prize)

Short citat on

Dr Clarice Poon of the University of Warwick is awarded a Whitehead Prize for her pioneering work at the intersect on of opt misat on, imaging sciences, and machine learning. She has made groundbreaking contribut ons to the design and analysis of large-scale opt misat on schemes aimed at solving ill-posed inverse problems and advancing supervised machine learning techniques. Poon has provided in-depth mathemat cal analysis of the super-resolut on capabilities of these approaches, showcasing an impressive breadth that covers imaging problems, compressed sensing, neural network training, and opt mal transport.

Long citat on

Dr Clarice Poon

These techniques deverly integrate concepts from both smooth and non-smooth opt misat on, facilitat ng rapid convergence speeds and reduced computat on t me per iterat on. Her ability to provide a comprehensive mathemat cal analysis of these methods, demonstrat ng their relevance and precision across a wide array of scenarios in imaging and learning, is part cularly noteworthy.

It is evident that Poon's work has profoundly influenced the mathemat cs of data sciences. Her ability to understand and mathemat se the crit cal applied quest ons in these domains renders her contribut ons not only groundbreaking but also highly pert nent and impact ul.