

Chair Professor Defeng Sun, Head of Department of Applied Mathematics Honoured as an Inaugural CSIAM Fellow



Early in April 2020, Professor Sun was conferred as 2020 Fellow of the Society for Industrial and Applied Mathematics (SIAM) in recognition of his contributions to algorithms and software for conic optimization, particularly matrix optimization.

Focusing on research of the development of efficient optimization algorithms for solving large-scale complex optimization problems, statistical regression models and machine learning problems, Professor Sun devised a world-recognized second-order sparsity solution that renders data with more precision and depth than traditional methods, efficiently separating useful data from useless data and uncovering minute information on a large scale. This solution is the first of its kind and is beneficial across all industries and research fields, revolutionizing the way of leveraging data and making prediction on behaviour on the information highway.

Professor Sun also serves as an Associate Editor of SIAM Journal on Optimization, Mathematical Programming, Journal of the Operations Research Society of China, and Journal of Computational Mathematics and Science China Mathematics. He has been an Advisory Committee Member of Asia-Pacific Journal of Operational Research since 2014, and is invited as a plenary speaker at the SIAM Conference on Computational Science and Engineering (CSE21) to be held in 2021.

Congratulations to Chair Professor Defeng Sun, Head of Department of Applied Mathematics at PolyU for being selected as one of the eight elected Inaugural Fellows of the China Society for Industrial and Applied Mathematics (CSIAM). CSIAM Fellow is an honorific title for life, in recognition of its distinguished members for their contributions to the field of industrial and applied mathematics.



About CSIAM

Founded in 1990, China Society for Industrial and Applied Mathematics (CSIAM) is a non-governmental organization for Chinese applied mathematicians. Supervised by the Ministry of Science and Technology of the People's Republic of China, CSIAM aims to strengthen the communication between academia and industry, and promote collaboration between mathematicians, engineers, technicians and corporate executives. It will help solve mathematical problems which hinders economic and technological development, as well as advance the research and education in applied mathematics.

For details, please visit:

CSIAM 18th Annual Conference cum Award Presentation

<https://csiam.org.cn/home/article/detail/id/1372.html>

END