Asia Supercomputer Community

inspur

SIMON SEE

Prof Simon See is currently the Solution Architecture and Engineering Director and Chief Solution Architect for Nvidia AI Technology Center . He is also a Professor and Chief Scientific Computing Officer in Shanghai Jiao Tong University. Previously A/Prof See is also the Chief Scientific Computing Advisor for BGI (China) and has an position in NanyangTechnological Univ (Singapore) and King-Mong Kung Univ of Technology (Thailand) . Prof See is currently involved in a number of smart city projects especially in Singapore and China. His research interests are in the area of High Performance Computing, Big Data, Artificial Intelligence, machine learning , computational science, Applied Mathematics and simulation methodology. Prof. See is also leading some of the AI initiatives in Asia Pacifiic . He has published over 100 papers in these areas and has won various awards. Prof See is also member of SIAM, IEEE and IET. He also committee member of more than 50 conferences.

Dr. See graduated from University of Salford (UK) with a Ph.D. in electrical engineering and numerical analysis in 1993. Prior to joining NVIDIA, Dr See worked for SGI, DSO National Lab. of Singapore, IBM, International Simulation Ltd (UK), Sun Microsystems and Oracle. He is also providing consultancy to a number of national research and supercomputing centers.

HPC for AI Computing

Abstract

Recently the application of Artificial intelligence has been growing exponentially. This is due to 3 major facts: Availability of data, New Algorithms and democratisation of High performance computing. In this talk, the author will discuss about the how HPC help to accelerate the development of new AI algorithm.

HPC for AI Computing