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SupercomputingAsia 2020
HPC POWERING INTELLIGENT CITIES
24 - 27 FEBRUARY 2020, SINGAPORE
CALL FOR PAPERS

Paper Submission
**Abstract Submissions Due:
01 Nov 2019**
**Paper Submissions Due:
15 Nov 2019**

The main HPC topics include Application, Algorithms & Libraries; Programming & System Software; Architecture, Network/Communications & Management; and Data, Storage & Visualisation.

SCFA20 Call For Papers Now Open

Submit your papers now to [Supercomputing Frontiers Asia 2020 \(SCFA20\)](#)!

SCFA20 is the technical papers arm and a key co-located event of the [SupercomputingAsia 2020 \(SCA20\)](#) conference. SCFA aims to provide a platform for thought leaders from both academia and industry to interact and discuss visionary ideas, important global trends and substantial innovations in supercomputing. The Technical Papers Chair for SCFA20 is [Dr Dhabaleswar K \(DK\) Panda](#), Professor and Distinguished Scholar, Computer Science and Engineering at The Ohio State University (OSU). The main HPC topics include Application, Algorithms & Libraries; Programming & System Software; Architecture, Network/Communications & Management; and Data, Storage & Visualisation. For any queries of clarification about SCFA and paper submissions, please contact papers@sc-asia.org.

Supercomputer in space!

Dr Goh Eng Lim, recipient of the SupercomputingAsia (SCA) 2018 Singapore Visionary Award, was recently awarded the [NASA Exceptional Technology Achievement Medal](#) for his contribution in helping put a supercomputer in space.



Dr Goh Eng Lim (left) with his medal and certificate from NASA, which recognised his contribution for successfully demonstrating a supercomputer platform in the International Space Station.

Dr Goh Eng Lim, Vice President & Chief Technology Officer, HPC and AI for Hewlett Packard Enterprise (HPE) was honoured with the prestigious award, which is given to Government or non-Government individuals for exceptional technology contributions to the National Aeronautics and Space Administration (NASA). The award was for successfully demonstrating the first commercial supercomputing platform in the International Space Station (ISS). HPE's Spaceborne Computer executed over a trillion calculations per second for a year without requiring a reset. Dr Goh was presented with the Singapore Visionary Award at [SupercomputingAsia](#) 2018 for his contributions to Singapore's High Performance Computing (HPC) industry for over nearly three decades.

Congratulations to Dr Goh!



Members of the public taking the opportunity to learn more about supercomputers and NSCC.

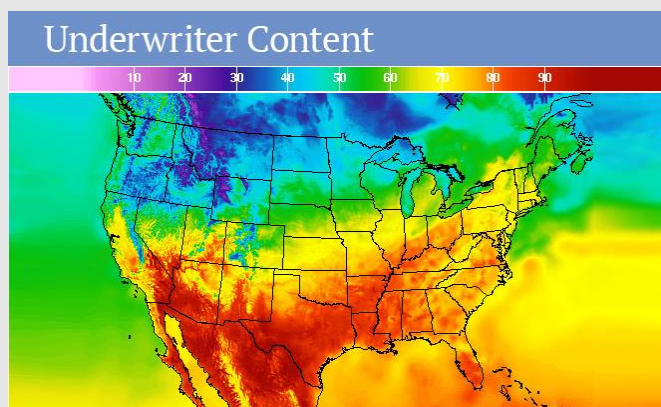
Finding out more about supercomputers during the [One-North Festival 2019](#)

NSCC took the opportunity to educate the public about high performance computing and to introduce them to the ASPIRE 1 supercomputer at this annual public event.

Team NSCC hosted one of the behind-the-scenes tours for more than 60 public visitors during the annual festival which celebrates research, innovation, creativity and enterprise. Jointly organised by [A*STAR](#), JTC, and Science Centre Singapore, the event encourages the public to immerse in science and technology through interaction, talks, science performances and tours. Apart from giving a briefing about the role of NSCC in enabling research in Singapore, visitors were also given an exclusive tour of Singapore's national petascale supercomputer, the ASPIRE 1.

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SCIENCE **N**ODE™



AI decodes complex weather

by **Matt Swayne**

Science and Research Information Officer, Penn State University

Focusing computational power for more accurate, efficient weather forecasts.

They say if you don't like the weather, just wait awhile. But how long you wait may depend on your location — the weather changes much faster and more violently in some geographic areas compared to others, which can mean that current weather prediction models may be slow and inefficient. Now, Penn State researchers

are using artificial intelligence (AI) to pinpoint those swift-changing weather areas to help meteorologists produce more accurate weather forecasts without wasting valuable computational power... **Read the full article on [ScienceNode.org](https://www.sciencenode.org)**



**Powering Innovation
Supercomputing in Asia**

National Supercomputing Centre (NSCC) Singapore

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