Call for BenchCouncil (HPC AI) System Award Nomination (Presentation on Bench 19, Nov 14 at Denver, Colorado, USA, prior to SC 19)

[Apologies if you receive multiple copies of this message]

CALL For BenchCouncil HPC AI System Award Nomination

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The 2019 BenchCouncil System Award

This award recognizes a group of scientists and engineers, who have made significant contributions to the design, implementation of a state-of-the-art or state-of-the-practice system. This year, the award is dedicated to the HPC AI systems.

Awards: 3,000 US dollar.

Award committees
• 	Lizy John (University of Texas at Austin)
• 	D. K. Panda (Ohio State University)
• 	Geoffrey Fox (Indianan University)
• 	Jianfeng Zhan (ICT, Chinese Academy of Sciences)

Deadline: Oct. 31, 2019, anywhere on earth

http://www.benchcouncil.org/bench19/index.html

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Introduction

The BenchCouncil (HPC AI) system award recognizes a group of scientists and engineers, who have made significant contributions to the design, implementation of a state-of-the-art or state-of-the-practice HPC AI system. Any member of this community is welcome to nominate a group of scientists and engineers, who are eligible for this award. Self-nomination is also encouraged.

This year, the system award will be awarded on BenchCouncil International Symposium on Benchmarking, Measuring and Optimizing (Bench 19, Nov 14-16, 2019 @ Denver, Colorado, USA). Three award finalists need present their state-of-the-practice and state-of-the-art HPC AI systems on Bench 19. And then, the award committees will make a final decision.

International Open Benchmark Council (BenchCouncil) is a non-profit research institute which aims to promote the standardization, benchmarking, evaluation, incubation, and promotion of open-source chip, AI, and Big Data techniques.
http://www.benchcouncil.org

How to Nominate

For each nomination, the contribution on HPC AI systems should be highlighted. Meanwhile, the performance number should be reported using the extreme weather analysis workload of the HPC AI500. The web link is
http://www.benchcouncil.org/HPCAI500/index.html

HPC AI500

HPC AI500 is the first HPC AI benchmark suite, consisting of real-world HPC AI workloads and data sets.

Paper: http://www.benchcouncil.org/HPCAI500/files/HPCAI500-Bench18.pdf

Website: http://www.benchcouncil.org/HPCAI500/

The Extreme Weather Analysis Workload (EWA)

The EWA workload is one of the component benchmarks of HPC AI500. It aims
to train a DL model to accurately identify the various extreme weather
patterns.

The reference implementation, dataset and related rules are described in
detail, see the following link:
http://125.39.136.212:8090/hpc-ai500/EWA

(In order to access this link, you must first sign up for a Benchhub
account. Benchhub is the official code hosting platform provided by the
Benchcoucil.)

Nomination Submission

Deadline: Oct. 31, 2019, anywhere on earth

Every nomination should create a project on BenchHub. And the code,
required log files and performance numbers should be uploaded to the
BenchHub.

BenchHub Site: http://125.39.136.212:8090

In addition, nominees need to send an email to the following address for
confirmation:
zhanjianfeng@ict.ac.cn

Bench 19 conference

The Bench 19 conference will be held on Nov 14-16 at Denver, Colorado, USA.
The conference provides a high-quality, single-track forum for presenting
results and discussing ideas that further the knowledge and understanding
of the benchmark community as a whole. The main theme is benchmarking,
measuring, and optimizing Big Data or AI in HPC, Datacenter, IoT, and Edge
Computing. Bench 19 has three special events: BenchCouncil award, which
recognizes a senior member who has made long-term contributions to
benchmarking, measuring, and optimizing ($3000), the AI benchmarking
reports, and AI system and algorithm challenges. Also, we will invite
speakers from China, US, Europe and Japan on HPC AI topics.

Website: http://www.benchcouncil.org/bench19/index.html

Registration: https://eur.cvent.me/0QG1

Bench 19 Hotel Reservation

The Conference hotel is Courtyard by Marriott Denver Airport. We have
negotiated a competitive group rate and we strongly encourage attendees to
stay there, when possible. Notice that the banquet will also take place at
the hotel.
The reservation link:

https://www.marriott.com/events/start.mi?id=1568131806319&key=GRP

Start Date: Wednesday, November 13, 2019
End Date: Saturday, November 16, 2019
Last Day to Book: Friday, October 25, 2019
Room rate: $179/night + abound 15.75% taxes (Standard Room)