

*The College of Computing and the College of Engineering
are pleased to present a lecture by faculty candidate*



Callie Hao

Monday, February 17, 2020

3:00 pm Chem Sci 102

NAIS: Neural Architecture and Implementation Search

In her talk, Hao introduces a neural network and hardware implementation co-search methodology, named NAIS, to pursue aggregated solutions of high accuracy DNN designs and efficient hardware deployments simultaneously.

Cong "Callie" Hao is a postdoctoral researcher in the Department of Electrical and Computer Engineering (ECE) at University of Illinois at Urbana-Champaign (UIUC), under the supervision of Prof. Deming Chen. She holds a PhD (2017) degree in electrical engineering from Waseda University, Tokyo, and MS and BS degrees in Computer Science and Engineering from Shanghai Jiao Tong University.

Her research interests include high-performance reconfigurable computing, hardware-aware machine learning and acceleration, electronic design automation (EDA) tools, and autonomous driving.



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