U.S. HOUSE OF REPRESENTATIVES
COMMITTEE ON SCIENCE, SPACE, AND TECHNOLOGY

HEARING CHARTER

July 12, 2018

TO: Members, Subcommittee on Energy, Subcommittee on Research and Technology

FROM: Majority Staff, Committee on Science, Space, and Technology

SUBJECT: Joint Subcommittee Hearing: "Big Data Challenges and Advanced Computing Solutions"

The Subcommittees on Energy and Research and Technology will hold a hearing titled *Big Data Challenges and Advanced Computing Solutions*, on Thursday, July 12, 2018 at 10:00 a.m. in Room 2318 of the Rayburn House Office Building.

Hearing Purpose:

The purpose of the hearing is to explore the impact of innovative machine learning-based approaches to big data science challenges at the Department of Energy (DOE), in academia, and industry. This hearing will also address the development of these applications within the context of the DOE's mission goals in high performance computing.

Witness List

- **Dr. Bobby Kasthuri**, Researcher, Argonne National Laboratory; Assistant Professor, The University of Chicago
- **Dr. Katherine Yelick**, Associate Laboratory Director for Computing Sciences, Lawrence Berkeley National Laboratory; Professor, The University of California, Berkeley
- **Dr. Matthew Nielsen**, Principal Scientist, Industrial Outcomes Optimization, GE Global Research
- **Dr. Anthony Rollett,** U.S. Steel Professor of Materials Science and Engineering, Carnegie Mellon University

Staff Contact

For questions related to the hearing, please contact Hillary O'Brien of the Majority Staff at 202-226-8984.