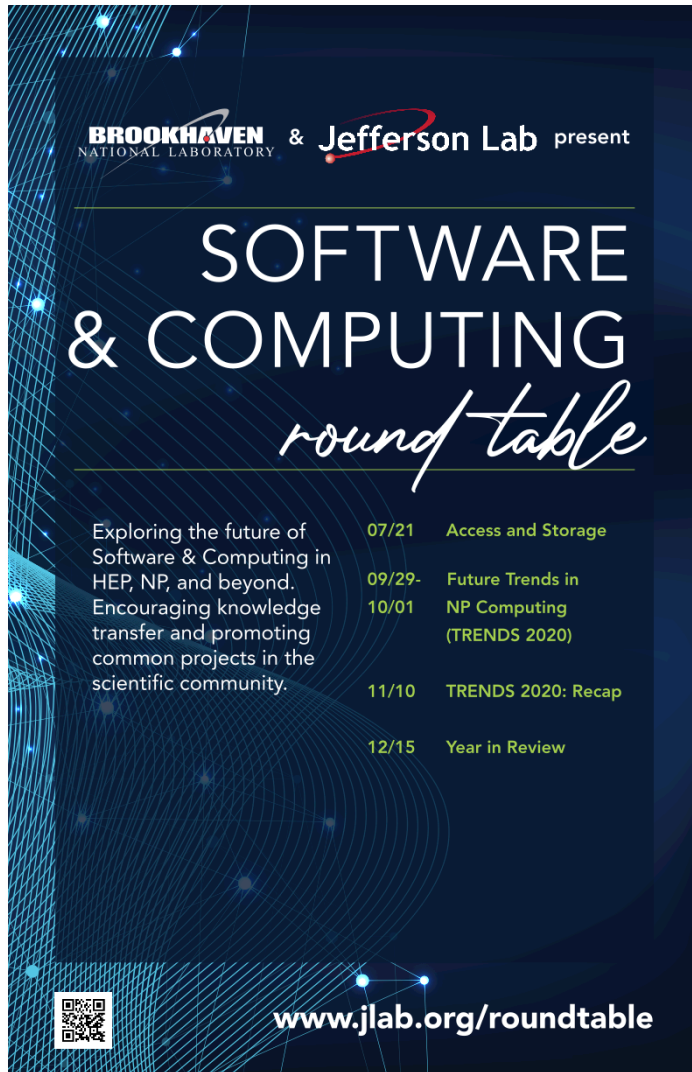# Software & Computing Round Table

Jointly organized by BNL and JLab

- role of Software & Computing Round Table in 2016 – now
  - encourage knowledge transfer
  - promote common projects
- exploring the future of software & computing in HEP, NP, and beyond
- emphasis on the interplay of software & computing and science
- **website** https://www.jlab.org/roundtable

News story on Software & Computing Round Table

NUCLEAR PHYSICS DATA DEMAND MORE POWERFUL PROCESSING

Jefferson Lab and Brookhaven National Lab partner on a Software & Computing Round Table to track the leading edge of computing and foster collaboration

Fans of the popular TV show "The Big Bang Theory" can picture the sitcom's physicists standing at a whiteboard, staring hard at equations.

It's an iconic image. But is that the future — or even the present — of how nuclear physicists do their jobs? Not really. Not when new experiments demand ever-more powerful data processing and thus ever-more-powerful software and computing.
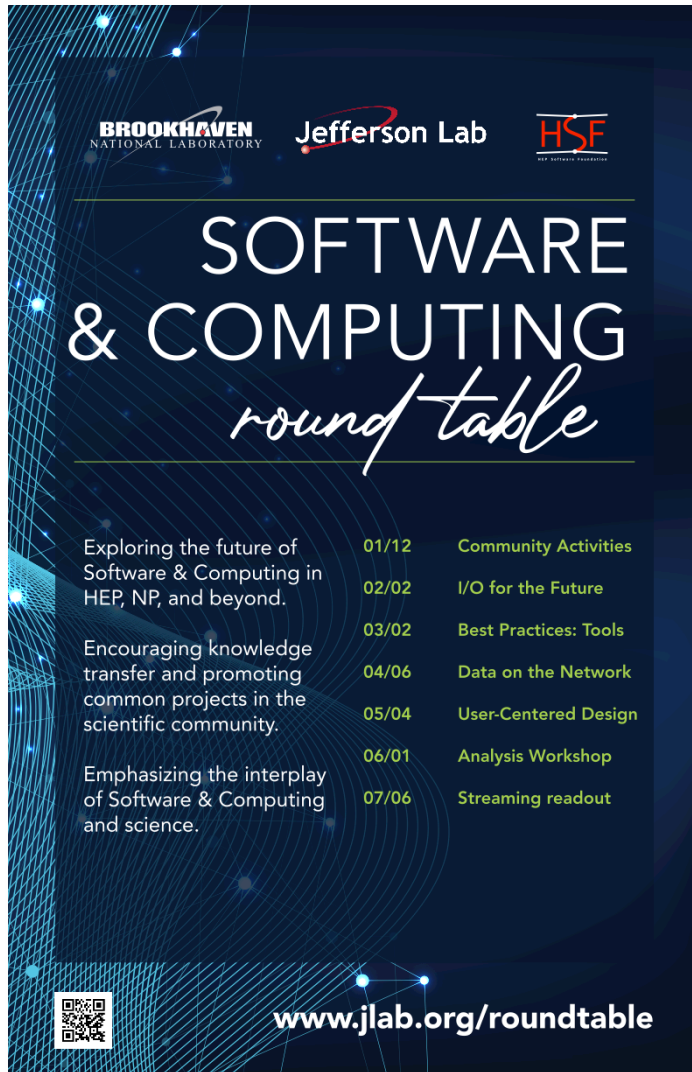
"Scientists being at a blackboard and writing up some equations — that is not always the reality," said Markus Diefenthaler, an experimental nuclear physicist at the U.S. Department of Energy's Thomas Jefferson National Accelerator Facility in Newport News, Virginia.

New Partner

The HEP Software Foundation (HSF) facilitates cooperation and common efforts in HEP Software & Computing internationally and will bring the perspective from CERN and many other HEP institutions into the Software & Computing Round Table.

Program for the next months

01/12 **Community Activities**

02/02 **I/O for the Future**

03/02 **Best Practices: Tools**

04/06 **Data on the Network**

05/04 **User-Centered Design**

06/01 **Analysis Workshop**

07/06 **Streaming Readout**