



Roadmap to Operational Software-Defined Networks

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ESnet

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An aerial photograph of the University of California, Berkeley campus. The foreground features a large, circular building with a brown, segmented dome, surrounded by greenery and other campus buildings. The middle ground shows a dense urban area with various buildings and streets. In the background, the San Francisco Bay is visible, with the Golden Gate Bridge and the city skyline in the distance under a clear blue sky.

WELCOME TO THE BERKELEY LAB

Lawrence introduces
big team science 1931

LBNL the first
National Lab



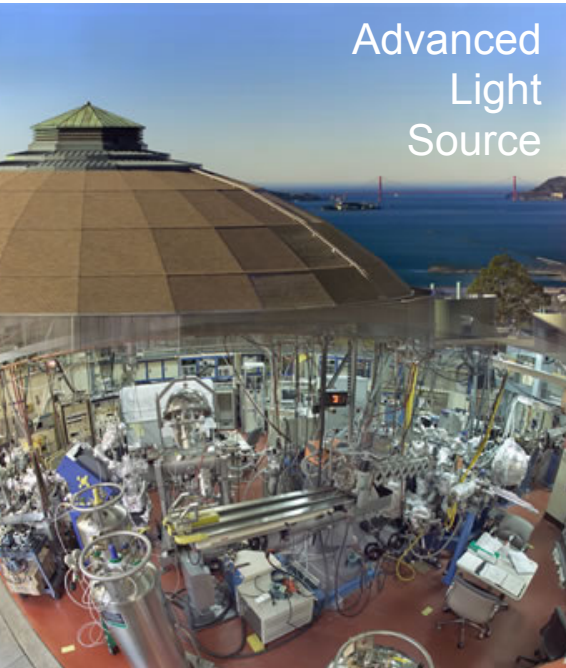
13 Nobel Prizes

- 3200 employees
- \$800M in funding
- 91 in National Academies
- 1000 students
- 250 faculty

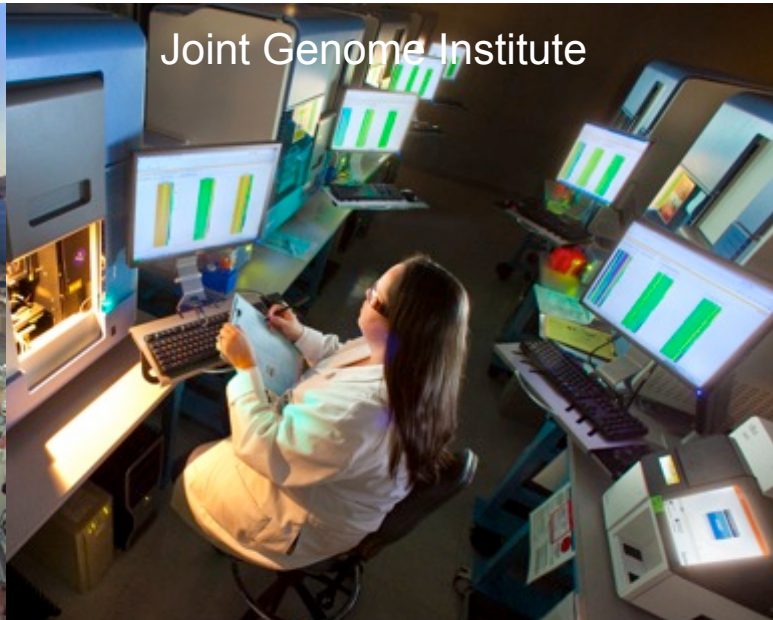
Berkeley Lab's Advanced Facilities

Bringing World-Leading Science Solutions to the People

Advanced
Light
Source



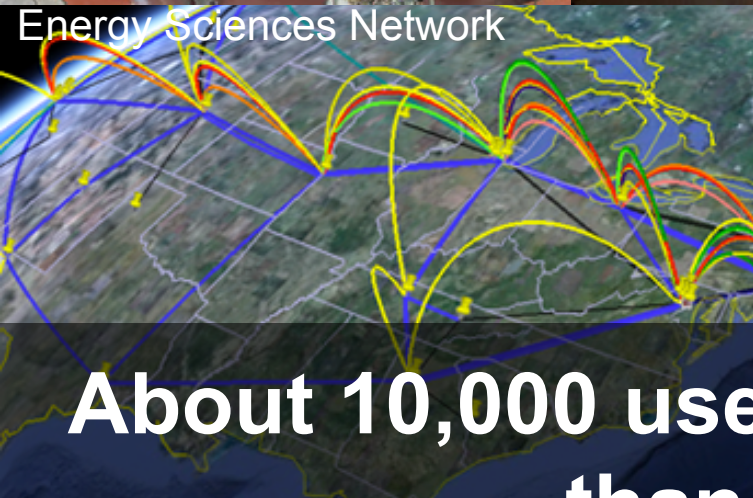
Joint Genome Institute



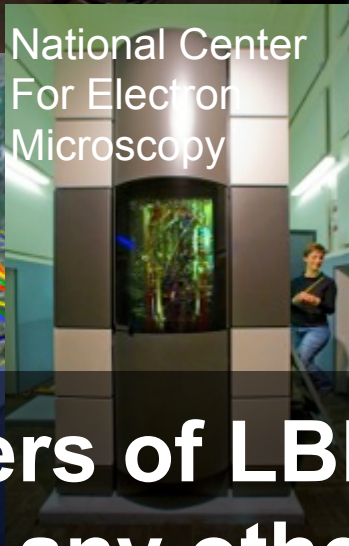
Molecular
Foundry



Energy Sciences Network



National Center
For Electron
Microscopy



National Energy Research
Supercomputer



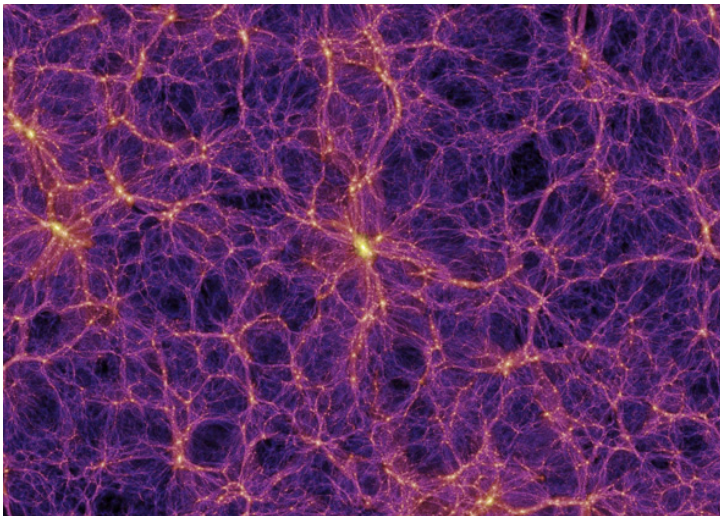
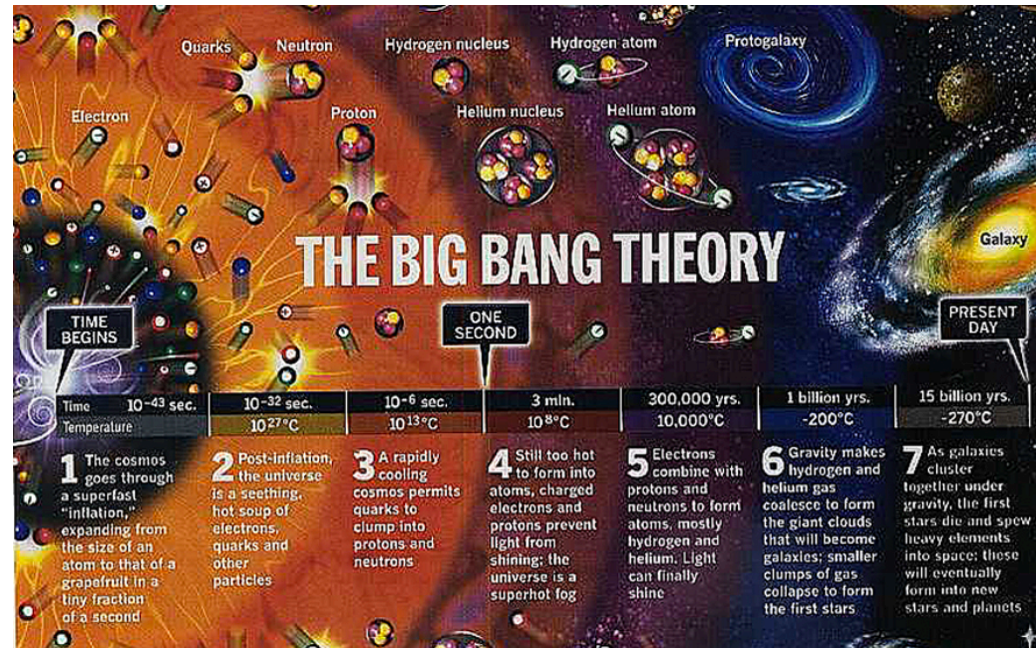
About 10,000 users of LBNL facilities, more than any other Lab

Quick Quiz!



Symbol: Am, Atomic number 95

Quick Quiz!



Confirmed the Big Bang, and discovered dark energy.

Acknowledgements

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Safety and Comfort