



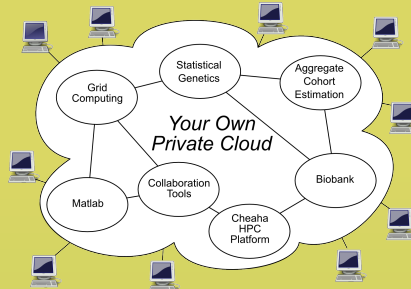
Research Computing Support

brought to you by UAB IT



UAB Research Cloud

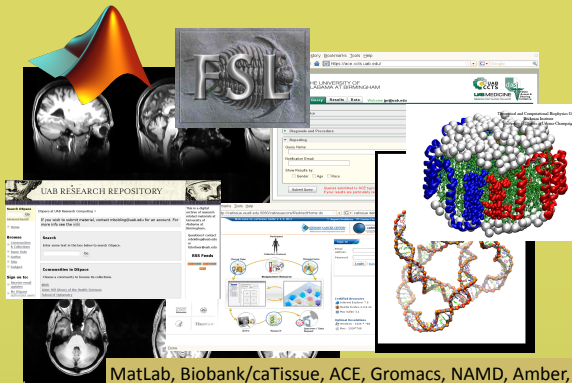
platforms, computing and storage to power your research



The research cloud is designed to support private workspaces with access to the tools you need where ever you need them. Take your lab anywhere, virtually.

Research Apps

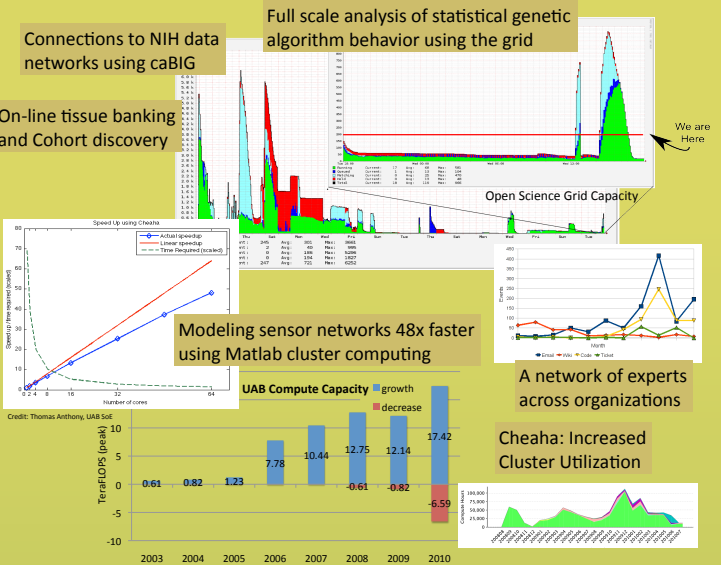
solutions built to order



MatLab, Biobank/caTissue, ACE, Gromacs, NAMD, Amber, FSL, GNU Scientific Toolkit, and much more

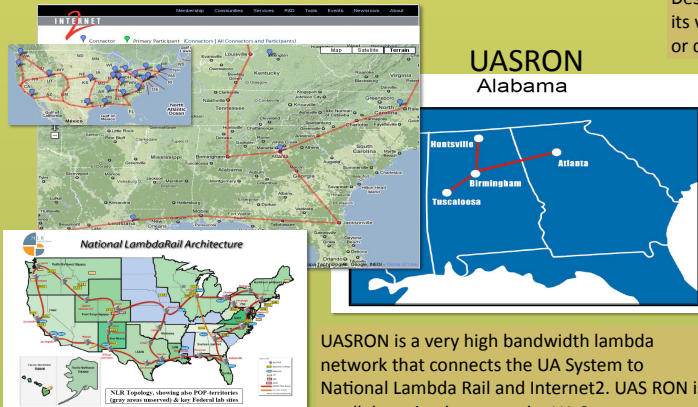
A large variety of High Performance Computing apps help make sense of piles of data and model complex systems. Designer apps help speed up tasks and fill in gaps whether its world wide computing, tissue banking, cohort discovery, or data archiving.

Results Delivered



A growing resource fabric: combining funds from research Awards and sustained UAB IT investments to fund on-going expansion of compute, network, and storage capacity and maximize the impact and availability of acquisitions.

UASRON your connection to the world

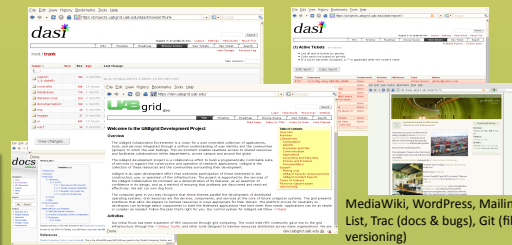


UASRON is a very high bandwidth lambda network that connects the UA System to National Lambda Rail and Internet2. UAS RON is a collaboration between the UA System, NASA, and Southern Light Rail (SLR)@GaTech.

University of Alabama System Owned and Operated, UASRON is a Dense Wave Division Multiplex (DWDM) Network, analogous to a 40-Lane, bi-directional, Data Highway connecting UAB, UAH, UA, ASA, to Atlanta and Nashville. Current technology allows each lane (channel) to carry a payload of 10Gigabits-per-second.

Developer Accounts

an open platform to build research



Engage your peers. Our platforms, languages, and collaboration tools make it easy to build solutions, document code, record changes, track bugs and collaborate across organizations. Mediawiki, WordPress, mailing lists, Trac, Git, your favorite languages, and slew of other tools: we live on the same platform and run our lab that way too.



The Team

An engaged professional staff collaborate with investigators to maximize the impact of research

