

Ensino e Pesquisa ([RNP](#)), Academic Network of Sao Paulo ([ANSP](#)), Internet2 ([I2](#)) and Florida Lambda Rail ([FLR](#)). More information about the AtlanticWave-SDX project can be found at [2].

[1] - <https://github.com/atlanticwave-sdx/atlanticwave-proto>

[2] - <http://www.atlanticwave-sdx.net/>

About Florida International University: Florida International University is a vibrant, student-centered public research university, ideally located in Miami, that is worlds ahead in its commitment to learning, research, entrepreneurship, innovation, and creativity so that our graduates are prepared to succeed in a global market (<http://www.fiu.edu>).

About CIARA and AMPATH: Florida International University's Center for Internet Augmented Research and Assessment (CIARA), in the Division of IT, has developed an international, high-performance research connection point in Miami, Florida, called AMPATH (AMericaSPATH; www.ampath.net). AMPATH extends participation to underrepresented groups in Latin America and the Caribbean, in science and engineering research and education through the use of high-performance network connections. AMPATH is home to the Americas Lightpaths (AmLight) high-performance network links connecting Latin America to the U.S., funded by the National Science Foundation (NSF), award #ACI-0963053 and the Academic Network of São Paulo (award #2003/13708-0)(<http://www.ciara.fiu.edu>).

About Georgia Institute of Technology: Georgia Institute of Technology, also known as Georgia Tech, is one of the nation's leading research universities, providing a focused, technologically based education to more than 21,500 undergraduate and graduate students. Georgia Tech has many nationally recognized programs, all top-ranked by peers and publications alike, and is ranked in the nation's top 10 public universities by U.S. News and World Report. It offers degrees through the Colleges of Architecture, Computing, Engineering, Sciences, the Scheller College of Business, and the Ivan Allen College of Liberal Arts. As a leading technological university, Georgia Tech has more than 100 centers focused on interdisciplinary research that consistently contribute vital research and innovation to American government, industry, and business. (www.gatech.edu).

About SoX: Southern Crossroads (SoX) also known as Southern Light Rail (SLR) is a 501(c)3 organization that serves the Southeastern U.S. Research and Education community. SoX provides high-speed, global connectivity and other commodity services. SoX also serves as the Southeast connector to National Lambda Rail (NLR), Internet2 and other major U.S as well as International research networks (www.sox.net)

About SouthernLight (SoL): SouthernLight is the GOLE (GLIF Open Lightpath Exchange) in São Paulo, Brazil, collaboration between ANSP and RNP, and is responsible for providing end-to-end circuits between Brazilian scientific institutions and their international collaborators.

About California Institute of Technology: The California Institute of Technology (Caltech) is a world-renowned science and engineering research and education institution, where extraordinary faculty and students seek answers to complex questions, discover new knowledge, lead innovation, and transform our future. Global Caltech's facilities are Jet Propulsion Laboratory, Caltech Seismological Laboratory, and International Observatory Network (www.caltech.edu).

About Princeton University: Princeton is an independent, coeducational, nondenominational institution that provides undergraduate and graduate instruction in the humanities, social sciences, natural sciences and engineering. As a world-renowned research university, Princeton seeks to achieve the highest levels of distinction in the discovery and transmission of knowledge and understanding. At the same time, Princeton is distinctive among research universities in its commitment to undergraduate teaching (www.princeton.edu).

About RNP: The Brazilian Education and Research Network (RNP), qualified as a Social Organization (OS) by the Brazilian government, is supervised by the Ministry of Science, Technology and Innovation (MCTI), and is maintained through the inter-ministerial RNP program, which also includes the Ministries of Education (MEC), Health (MS) and Culture (MinC). The first Internet provider in Brazil with national coverage, RNP operates a high-performance nationwide network, with points of presence in all 26 states and the national capital, providing service to over 1200 distinct locations. RNP's more than four million users are making use of an advanced network infrastructure for communication, computation and experimentation, which contributes to the integration of the national systems of Science, Technology and Innovation, of Higher Education, of Health and of Culture (www.rnp.br/en)

About ANSP: The Academic Network of São Paulo (ANSP) provides connectivity to the top R&E institutions, facilities and researchers in the State of São Paulo, Brazil, including the University of São Paulo, the largest research university in South America. ANSP directly connects to AmLight in Miami at 20G. ANSP also provides connectivity to Kyaterra, a 9-city dark-fiber-based optical network infrastructure linking 20 research

institutions in the state and a number of special infrastructure projects like GridUNESP, one of the largest computational clusters in Latin America, supporting interdisciplinary grid-based science (www.ansp.br).

About Internet2: Internet2® is a member-owned advanced technology community founded by the nation's leading higher education institutions in 1996. Internet2 provides a collaborative environment for U.S. research and education organizations to solve common technology challenges, and to develop innovative solutions in support of their educational, research, and community service missions. Internet2 consists of more than 250 U.S. universities, 80 leading corporations, 70 affiliate members and government agencies, 39 regional and state education networks and more than 65 national research and education networking partners representing more than 100 countries. For more information follow @Internet2 on Twitter (www.internet2.edu).

About Florida LambdaRail: Florida LambdaRail (FLR) is Florida's Research and Education Network. With its 100 Gbps 1,540 mile dark fiber network, FLR provides a cost effective, ultra-high speed, inter-connected, broadband service delivery network that enables Florida's higher education institutions and partners to collaborate, connect, utilize and develop new innovative broadband applications and services in support of their scientific research, education, and 21st century economy initiatives (www.flrnet.org).

