

FIBRE - Future Internet testbeds/experimentation between BRazil and Europe

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***Abstract.** The FIBRE Project aims create a common space between the EU and Brazil for Future Internet (FI) experimental research into network infrastructure and distributed applications, by building and operating a federated EU-Brazil Future Internet experimental facility. To achieve these goals, the project will: build a shared large-scale experimental facility that enables experimentation on network infrastructure and distributed applications, consisting in a new testbed in Brazil and an enhancement of the FP7 OFELIA facility and the basic wireless facility of FP7 OneLab, the UTH NITOS testbed, both in Europe; federate the Brazilian and European facilities, to allow researchers to use resources of both FIBRE-EU and FIBRE-BR testbeds in the same experiment; showcase the potential of the facility by demonstrating experimental network-enabled applications deployed on top of the federated facilities resources; and enhance the collaboration and exchange of knowledge between European and Brazilian researchers in the field of Future Internet.*