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NRENs in the Dissemination of Innovative Low Cost Global Solutions: From Universities to the World
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- RNP (Brazilian NREN) has maintained since 2002 a program for development of new services and solutions for RNP users, with the active participation of the national R&D community in networks and distributed systems.
- Many of the products of this program are now widely used in Brazil.
- Some of the solutions presented today are also of wider (universal?) interest and we are interested in making them available to interested third parties, especially within the global academic community.
4 contributors to this session

- Daniela Brauner, R&D manager at RNP
  - RNP’s R&D program during the last 12 years

- (remotely) Luiz Claudio Schara Magalhães, prof in telecommunications engineering at UFF (Federal Fluminense U.) in Niterói, RJ.
  - SciFi, an intelligent controller for low-cost WiFi networks.

- Felipe Cecagno & Leonardo Daronco, studied CS at UFRGS (Federal U of Rio Grande do Sul), BigBlueButton core developers, co-founders of Mconf Tecnologia in Porto Alegre, RS
  - Mconf, a multi-platform webconferencing service on a global scale.
Live demonstration of MConf

- Luis Magalhães and Leonardo Daronco will participate remotely using Mconf.

Discussion of opportunities

- Open software used in both these projects
  - Advantages:
    - These solutions are adaptable by the service provider
    - With increased interest in the software, more developers can contribute to the development community =>>> improved sustainability

- Creation of a global webconferencing service based on Mconf with servers distributed in different countries
  - Need to discuss governance model
Thank you!

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