

8th CEF Networks Workshop

On the 15th and 16th of September, 2014, 45 representatives from networking research institutions in Africa, Asia, North America, South America and Europe met to discuss their experiences designing and operating Customer Empowered Fibre (CEF) Networks and to formulate major guidelines for further research and experimental development in networking. The host of the meeting was the CESNET association. Presentations selected by Stanislav Sima covered many interesting new developments in research networks worldwide. Presentations are available at

<http://www.cesnet.cz/cesnet/events/cef2014/?lang=en>

Participants appreciated presentations including advanced network applications, workshop preparation and

> recommended next CEF Networks workshop

> recommended R&E Networks and experimental facilities to:

- actively exchange information about architectures under consideration, operational experiences, technical challenges, and lessons learned
- provide CEF Networks services as worldwide instrument supporting research in various fields of science and upgrading competitiveness of research and innovation teams
- use one fibre footprint for experimental and production traffic and Lighting as a Service (LaaS), if feasible
- ask multivendor fibre spectrum sharing for Network as a Spectrum Service (NaaS) approach providing unlimited access to fibre spectrum
- enlarge user group providing services not available on the market, for example hard-real time sensing and control for additional reliability and security of industry equipment
- collaborate with vendors on scientific and pilot projects oriented to new user communities
- ensure possibilities of CBFs are fully used
- ensure that new experimental applications are not blocked in R&E Networks
- investigate possibilities of alien wavelengths deployment especially in international environment
- collaborate actively with new projects and provide information on how R&E Networks can help and provide new services