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Kyrgyz Turkish Manas University
Chyngyz Aytmatov Ave., 56, Bishkek, KYRGYZSTAN
URL: <http://journals.manas.edu.kg>
e-mail: journals@manas.edu.kg
Phone : +996 312 492763- Fax: +996 312 541935



Central Asian Research and Education Network



The special issue of **MANAS JOURNAL OF ENGINEERING (MJEN)** is devoted to the 2nd regional conference "Empowering the Central Asian research and education communities through global high-speed networking" in the framework of EC CAREN project. The conference took place in April, 25-26, 2017, in Kyrgyz Turkish Manas University. There were 169 participants from 20 countries, 69 papers have been presented.

About CRNC 2017

CRNC is the CAREN Regional Networking Conference for researchers in Central Asia. After the first release in October 2014 in Almaty, Kazakhstan, CRNC2017 once again invited participants from five Central Asian countries, as well as from neighboring regions and other parts of the world. CRNC brings together academics, scientists, managers, ICT specialists and industry representatives who are interested in providing advanced ICT services for research and higher education institutions in the Central Asian region. CRNC 2017 is jointly organized by Kyrgyz Research and Education Network Association- KRENA and the Kyrgyz Turkish Manas University as part of the CAREN 3 project.

CRNC2017, "Empowering the Central Asian research and education communities through global high-speed networking", brought together practitioners from the Central Asian research communities and higher education institutions, government representatives, internet providers, ICT vendors, and was organized based on the experience of representatives of other regional networks and organizations such as GÉANT, TEIN * CC (Asian-Pacific region) and UbuntuNet Alliance (SE Africa).

About CAREN

Launched in 2009, the EU-funded Central Asia Research and Education Network (CAREN) project sets out to provide a high-capacity internet network for the research and education (R&E) communities in Central Asia. A new project phase (CAREN3) started in 2016, which currently interconnects the R&E communities of Kyrgyzstan and Tajikistan. Links to other regional



networks, such as the pan-European GÉANT backbone, give CAREN global reach, allowing seamless data exchange and collaboration between researchers, academics and students in Central Asia and the rest of the world.

The project is operated and managed by the GÉANT research network, in partnership with the national research and educational networks (NRENs) of participating partner countries.

Website: <https://caren.geant.org> <https://icaren.org>

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Based on the peer-review results, 11 articles out of 69 reports, submitted to the CRNC2017 conference, were recommend for publication in the MANAS Journal of Engineering.



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