

5G-CLOPS: Cross-Layer Optimization in 5G Networks

Researchers:

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Idioma Indefinido

Descrição:

This ground-breaking proposal precisely suggests an holistic approach in which network resources allocation in the UE-BS (User Equipments and Base Stations) association is undertaken by taking into consideration not only the propagation channel condition but also the operation of the IP mobility management protocols that allow a seamless mobility and avoid service disruption during the user's movement among heterogeneous networks. This cross-layer solution could lead to a better utilisation of the network resources and to an optimised network performance. The goal is to devise a set of specialized metaheuristic algorithms for 5G networks capable of scheduling ultradense networks (UDNs) efficiently and engineering mechanisms for the automatic service management of SDN/NFV-based (Software-Defined Network / Network Function Virtualization) access networks.

Funding sources:

Proyecto financiado por el [Ministerio de Ciencia, Innovación y Universidades](#) [4] en la convocatoria de Proyectos I+D+i "Retos Investigación" del Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad.

URL de origem: <http://www.cenits.es/pt-pt/proyectos/cross-layer-optimization-5g-networks-5g-clops>

Ligações

[1] <https://www.ugr.es/>

[2] <https://www.unex.es/>

[3] <http://www.cenits.es/fundacion>

[4] <https://www.ciencia.gob.es/portal/site/MICINN/>