

NITOS testbed: a heterogeneous environment for 5G and beyond experimentation

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In this position paper, we focus on the NITOS testbed and the experimentally driven 5G activities around the established experimentation ecosystem it provides. NITOS is a highly heterogeneous testbed located in the premises of University of Thessaly, Greece. The testbed provides remote access to experimenters from around the globe, allowing repeatable experimentation with cutting edge resources. In this position paper, we cover some of the main contributions with frameworks for experimentation in Cloud-based Radio Access Networks, Multi-access Edge Computing, Spectrum Coordination, as well as frameworks for orchestrating different software functions as VNFs.

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