

CASPER main scientific achievements so far

- ✚ Description of the major CASPER scenarios
- ✚ KPIs identification and analysis per scenario
- ✚ Requirements analysis per scenario
- ✚ CASPER middleware architecture description and per scenario configuration
- ✚ Description of the QoE management support framework
- ✚ Abstract integration of this framework into CASPER architecture
- ✚ Analysis of parametric QoE models

CASPER in international exhibitions

By participating in international forums and exhibitions, IQU promoted the achievement of the CASPER project. Some photos from these events are depicted below. As a representative example, we note here the IoT solutions world congress 2017 in Barcelona, where IQU presented preliminary implementations of the CASPER testbed.



THE LEADING
IOT INDUSTRY
EVENT

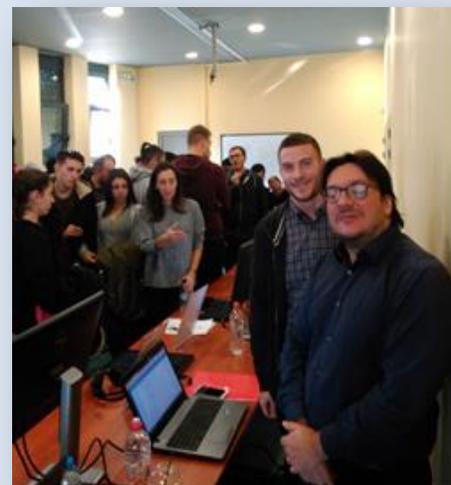
CASPER in Marie Curie Researchers' Night

- UOA participated in Researchers' Night, a Marie Curie Action event that takes place annually in many EU cities with the aim to bring science closer to non-specialized audience. CASPER concept was successfully presented on September 30, 2016, and on September 29, 2017, in a historical building of the National Technical University of Athens (NTUA) in the centre of Athens.



CASPER in NKUA open day

- CASPER took the opportunity to increase its visibility and present the achievements of the first two years of the project in an open day organized by the National and Kapodistrian University of Athens, at the Department of Informatics and Telecommunications on 24/11/2017. This open day took place in the framework of the celebration of 180 years since the establishment of the University. The aim of this initiative has been to inform especially high school students about the subject of study in the Department and tour them in the university campus.
- In this event, staff from ADAPTERA and UoA, presented to public audience the CASPER QoE estimation tool, and explained the main objectives of the CASPER project as well as the principles of the MSCA programme.



CASPER's booth in NKUA open day

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Twitter

[@casper_project](#)

Wiki

[Casper Wiki](#) (only for members)



We're on the Web!

See us at:
<http://casper-h2020.eu/>

Publications in 2017

- D. Tsolkas, E. Liotou, N. Passas, L. Merakos, "A survey on parametric QoE estimation for popular services", Elsevier Journal of Network and Computer Applications, vol. 77, Jan. 2017.
- K. Ramantas, E. Kartsakli, M. Irazabal, A. Antonopoulos, C. Verikoukis, "Implementation of an SDN-enabled 5G experimental platform for core and radio access network support", International Conference on Interactive Mobile Communication, Technologies and Learning (IMCL 2017), Thessaloniki, Greece, 30 Nov. – 1 Dec. 2017.
- L. Pomante, M. Santic, W. Tiberti, C. Centofanti, L. Di Giuseppe, "LabSmiling: a framework, composed of a remotely accessible testbed and related SW tools, for analysis and design of low data-rate wireless personal area networks based on IEEE 802.15.4", Conference on Design and Test Automation in Europe (DATE) – University Booth, 2017.
- E. Liotou, A. Sfikopoulos, P. Kaltzias, V. Tsolkas, "An evaluation of buffer- and rate-based HTTP adaptive streaming strategies", International Workshop on Computer Aided Modelling and Design of Communication Links and Networks (IEEE CAMAD), Lund, Sweden, June 2017.
- Colarieti, A. Marotta, M. Mpervanakis, L. Pomante, V. Tsolkas, "QoE Provisioning over mobile networks: The CASPER perspective", International Workshop on Computer Aided Modelling and Design of Communication Links and Networks (IEEE CAMAD), Lund, Sweden, June 2017.
- E. Liotou, A. Marotta, L. Pomante, K. Ramantas, "Middleware architecture for QoE provisioning in mobile networks", International Workshop on Computer Aided Modelling and Design of Communication Links and Networks (IEEE CAMAD), Lund, Sweden, June 2017.

CASPER in social media



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