



DATA MANAGEMENT SYSTEMS LABORATORY
Dept. of Computer Science, University of Cyprus

The Data Management Systems Laboratory (DMSL), belongs to the Department of Computer Science at the University of Cyprus. Its research focuses on Data Engineering Systems and Knowledge Discovery Solutions for emerging networks and systems (e.g., big data management systems, smartphone and sensor systems, peer-to-peer systems and crowdsourcing systems).



<http://dmsl.cs.ucy.ac.cy/>

Research Specialization



Research Infrastructures

DMSL's VCenter Cloud



DMSL's Smartphone Cloud



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SmartLab

SmartLab is a first-of-a-kind open cloud of smartphones that enables a new line of systems-oriented mobile computing research. SmartLab enables the interaction of users with smartphone devices through an ordinary web browser. It finds applications in big data collection scenarios carried out in smart cities, management of personal gadgets and experimentation with real smartphone networks.

<http://smartlab.cs.ucy.ac.cy/>



Rayzit

Rayzit is an award-winning crowd messaging technology that delivers text and multimedia messages to nearby users. It utilizes a combination of big data management algorithms with Web 2.0 and Crowdsourcing techniques, in order to realize a compelling social interaction experience. Rayzit has been funded by Microsoft and Nokia.

<http://www.rayzit.com/>

Anyplace

Our collaboration with the KIOS Research Center at the University of Cyprus, has enabled us to develop an innovative and internationally awarded technology for indoor localization and navigation. Anyplace uses smartphones in conjunction with big data management infrastructures and Web 2.0 technologies, in order to offer an innovative information management and navigation technology for indoor environments.

<http://anyplace.cs.ucy.ac.cy/>



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