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Tokyo Tech, Sony, JRC, KDDI develop 40, 60 GHz network

Tuesday 1 March 2016 | 15:24 CET | News

Tokyo Institute of Technology (Tokyo Tech), Sony Corporation (Sony), Japan Radio (JRC) and KDDI R&D Laboratories (KDDI Labs) have jointly developed and implemented a 40 GHz and 60 GHz wave-based high-throughput wireless access network for large-scale data content distribution. This system provides a way to introduce a high-throughput communication service to next-generation networks using millimeter wave (mmWave)-based wireless systems.

The system also enables use of the mmWave communication band. The development partners will demonstrate their achievements through open experiments at the Mobile Communication Workshop sponsored by The Institute of Electronics, Information and Communication Engineers (IEICE), to be held at Tokyo Tech between 2 and 4 March.

This development was conducted as a part of the "R&D for Expansion of Radio Wave Resources" program sponsored by the Japanese Ministry of Internal Affairs and Communications (MIC).



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