

Cognitive radio: easing congestion

The Centre for Telecommunications Value-chain Research (CTVR), the Irish telecommunications research centre, says it has entered a new research partnership with NEC Communication Systems (NCOS), part of Japanese technology giant NEC Group.

The partnership will focus on the possible commercialisation of new applications in cognitive radio, a rapidly emerging area in wireless communications, as well as other new technologies.

In cognitive radio (CR) wireless communication devices can detect which communication channels are in use and can instantly switch to vacant channels, minimising interference for other telecoms users and enhancing the capacity of telecoms networks.



Dr. Doyle was in Tokyo to attend the Japan-Ireland Forum on Ubiquitous Innovation, a joint initiative between the Irish Embassy in Japan and the Japanese Ministry of Internal Affairs & Communications.