

Science Engineering & Technology

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Telecommunications Research Centre

Government, business and consumers continue to demand increased bandwidth but expect to pay less and less. The Telecommunications Research Centre (CTVR) undertakes industry-informed research to develop wireless and optical network solutions to enable companies to meet future demands in a way that is sustainable and profitable.

The centre collaborates with more than 50 companies including telecoms operators, multinational corporations and SMEs in Ireland and internationally. Core partners are directly involved in the primary research programme. They contribute expertise, equipment, real-world data,

modelling and simulation tools to ensure the programme is valid and robust.

Other companies work on a bilateral basis with a particular group of researchers addressing a specific problem or seeking advice on a consultancy basis.

The centre has a strong educational ethos – it educates high-calibre, industry-ready PhDs and also offers workshops and training seminars specifically tailored to individual company needs.

CTVR is also highly distributed: headquartered in TCD, there are staff and students in NUI Maynooth, DIT, DCU, University of Limerick, UCC and the Tyndall Institute.