

Accurate aerials



[Login](#) | [Register](#) | [Font size AA](#) | [Search](#)

[Home](#) [Engineering](#) [Careers](#) [Games](#) [Health](#) [Nature](#) [Gadgets](#) [Travel](#) [Eco](#) [Entertainment](#)
[Jobs](#) [News](#) [Events](#) [Services](#) [Our Partners](#) [Forums](#) [RSS News](#) [Role Models](#) [Job Profiles](#) [Blogs](#)

Win £30 in Amazon Vouchers

Keep up to date **KSP**

Make scenta your home

Read it? Review it

Accurate aerials

Source: [scenta](#)

[Rate this item](#) ★★★★★

New radar technology could have many commercial applications.

Dublin Institute of Technology (DIT) researchers have designed new antennas that increase the levels of accuracy in ultra-wideband (UWB) radar systems. It is hoped that this innovation will lead to applications that can be promoted commercially.

Backed by Enterprise Ireland, DIT's UWB radar imaging technology could be used in many areas including emergency situations, providing accurate data on patients under ongoing medical supervision, to vehicular anti-collision systems and other in-car safety technology. It may also have applications in the wireless technologies arena.

High frequency research

The team at DIT's Antenna & High Frequency Research Group (AHFR) has carried out extensive research in the application of UWB technology for communications purposes. Last year, the team developed new antenna designs to allow for high speed links between communication devices.

Dr Max Ammann, Senior Lecturer of Electronic & Communications Engineering at DIT, said: "The support from Enterprise Ireland will allow us to move the project forward, so that our research can move beyond the lab and support the commercialisation of UWB radar systems. At DIT, we have built a strong track record in helping to bring new technologies to the market place, and this is just the latest stage in that process".

[You've read it. Now review it.](#)

Source: [scenta](#)
Date Published: February 13, 2008

[Back to top](#)

[More by this source](#) | [Print](#) | [Send to a friend](#) | [Rate & Comment](#) | [Keep up to date](#) **KSP**

Useful? Recommend It.

If you found this item fun or informative, please let others know. Simply send to a friend or recommend it to even more people - on any of the following sites:

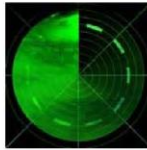
[Latest Science News](#) | [reddit](#) | [digg.com](#) | [del.icio.us](#) | [rollyo](#) | [stumbleupon](#)

More on radar...

Hurricane Dean monitored from space
ESA satellites are tracking Hurricane Dean as it tears through the Caribbean Sea and hits Mexico today with winds reaching up to 260 km per hour.



An eye on emissions
A UK university team has developed laser radar technology to produce a reliable estimate of aviation pollution around airports.



Comments please!

Rate or comment on any item and you could win £30 to spend at Amazon

