

IEEE802.15.4f Active RFID System Task Group Meets

The 802.15.4f Task Group convened at the Caribe Royale Convention Center in Orlando FL, as part of the 65th IEEE 802.15 WPAN meeting held during March 14-19, 2010.

This Task Group is working on a standard for active RFID. The TG4f group advanced agreement on a merged proposal for the 802.15.4f Active RFID air interface and PHY. This is document number 15-09-0804 currently at revision 11

Additionally, the group worked on a 'BLINK' frame to be defined in the 802.15.4e draft standard, and we provided draft text for the MAC level API primitives for transmission and

reception of the blink frame. This is document The IEEE 802.15.4f Task Group is chartered to define new wireless Physical (PHY) layer(s) for Active RFID Systems along with enhancements to the IEEE 802.15.4 MAC layer to support the PHY. The goal is to define a standard targeted at RFID and RTLS which offers options to the implementers for cost effective designs and higher performance depending on the application.

The 802.15.4a UWB PHY is ideal for .4f and is included as an attractive option allowing anchor nodes receive from .4a based tags and those based on the lower performance OOK modulation options.

*DecaWave was represented at Orlando by **Billy Verso VP Software.***

Meet DecaWave at IDTechEx 2010: “ScenSor: An IEEE802.15.4a Compliant Chip Creates a True Disruption in RTLS and WSN Markets”

IDTechEx Wireless Sensor Networks & RTLS Summit and Energy Harvesting & Storage Europe 2010 takes place in Munich Germany, 26—27 May 2010, covering Wireless Sensor Networks (WSN), Real time Locating Systems (RTLS) and other forms of Active RFID, now co-located with Energy Harvesting & Storage.

Ciaran Connell CEO DecaWave (right), will present “ScenSor: An IEEE802.15.4a Compliant Chip Creates a True Disruption in RTLS and WSN Markets” at IDTechEx on Thursday 27th May 14.00—14.30.



Now taking subscriptions for ScenSor sample silicon

Sample silicon of DecaWave's revolutionary chip ScenSor will soon be available to subscribers and technology partners.

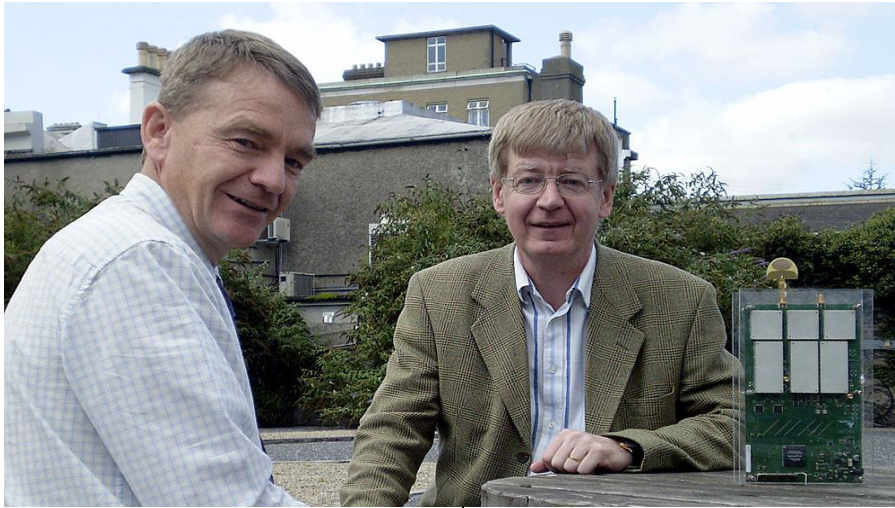
These will be distributed on a first-come first-served basis for a price of €1,000. For more info, email us at:

sales@decawave.com

ScenSor technology evaluation kits prove popular

Twenty Prototype Kits have been licensed by interested firms. The kits include two ScenSor prototypes built using FPGA and discrete RF circuitry, antennae, and point-to-point demo software enabling evaluation of our unrivalled operational range and precise ranging capabilities.





DIT's Antenna and High Frequency Research Centre (AHFR) led by Dr. Max Ammann received an Enterprise Ireland Industrial Technologies Commercialisation Award for its work with DecaWave among others. In September, DecaWave announced a partnership with AHFR for antenna design research expertise for our ground breaking ScenSor chip. The

resulting antennas are optimised, but are fully customisable to client technologies and application needs and specifications.

Pictured above with prototype antenna at DecaWave HQ are Dr Max Ammann AHFR, and Michael McLaughlin CTO, DecaWave.

Worldwide Interest in ScenSor



There has been significant interest in DecaWave's revolutionary chip ScenSor from firms around the world.

"Currently, DecaWave is working through over 600 live leads from firms around the globe, including the US, UK, South Korea, Germany and France", says Gerry O'Grady, (right) Applications Engineering Manager at DecaWave. "Interest is genuinely phenomenal, from across over 20 verticals including avionics, agriculture, healthcare, manufacturing, and transport, to name but a few", he says.

"We were obviously aware how versatile the technology can be", says Gerry, "but it is quite extraordinary to see how leading edge firms across so many diverse areas of enterprise are applying it to their own verticals," he says.



Recognition for DecaWave

DecaWave has recently won recognition in a business awards competition. In the "Business Achievers 2010" competition in Ireland, sponsored by Ulster Bank, DecaWave was the overall winner of the "One to Watch" category.

Pictured receiving the Ulster Bank Business Achievers award for DecaWave at Dublin's Mansion House are: Mark Golden, Ulster Bank, Ciaran Connell ceo DecaWave; Michael McLaughlin, President and CTO DecaWave; James Carroll, Investor|First and Ken Murnaghan, Ulster Bank.