



**Wednesday, 12<sup>th</sup> May 2010**

Running order open to change or amendment:

Time	Details	Location
8.00 - 8.30am	Set up of project exhibitions	T105/107/109
8.30 - 9.15am	Registration	Library & Information Resource Centre Foyer, ITT North Campus
9.15 – 10.00am	<b>Welcome and Opening of Scifest 2010</b> Dr Joseph Walsh – Scifest Organising Committee (MC) Mr Michael Carmody, President, IT, Tralee – Opening Welcome Address Dr Michael Hall – About Science at IT, Tralee	T105/107/109 Business & IT (BIT) Building, ITT North Campus
10.00 – 11.00am	<b>Keynote Speaker</b> Dr Gary McDarby <i>Keynote address: 'Compassion, Innovation and Adversity - How Human Hardship can Inspire Technological Ingenuity'</i>	T105/107/109
11.00 - 12.00pm	<b>Exhibition of projects</b> Judges only review exhibition stands <b>Demonstrations (will run in parallel)</b> Super Furry Animals - Ms Catherine Daly Energy Extravaganza – Ms Sinead Rohan Robotics demo, Physics, Biology and Electronics demos	T105/107/109  T106 T108 T110
12.00 - 1.00pm	<b>Exhibition of projects</b> – students and invited guests <b>Demonstrations (will run in parallel)</b> Super Furry Animals - Ms Catherine Daly Energy Extravaganza – Ms Sinead Rohan Robotics demo, Physics, Biology and Electronics demos	T105/107/109  T106 T108 T110
1.00 - 2.00pm	Lunch – Judges  Lunch – Guests/Students	T208, BIT, ITT North Campus  R102, BIT, ITT North Campus
2.00 - 2.10pm 2.10 – 2.30pm	Address by Mr Feargus O'Meara, Dairymaster Platinum Sponsor Prize Giving Ceremony	T105/107/109
2.30 – 2.35pm	Closing Address	T105/107/109





**Keynote Address by Dr Gary McDarby:**

'Compassion, Innovation and Adversity - How Human Hardship can Inspire Technological Ingenuity'

**Abstract**

We live in a world where technology is changing, extremely rapidly, the way we communicate, the way we educate, the way we learn, the way we analyse, the way we do commerce and ultimately how human society functions at a fundamental level. Time, distance and even cultural barriers have been overcome. Everyone with access to computer technology and the internet can now participate on a level playing field in a brave new world of shared perspective and experience. However, there are still many people and places that do not have the opportunity to take part in this revolution. People in the developing world for example, are far behind in terms of computer access. Young people who drop out of school early miss opportunities to learn the essential skills in this technologically enriched world and people with disabilities often have no means to interface and connect to mainstream technological tools. In this presentation, some personal stories and experiences around how technology has transformed peoples lives are recounted. The talk is woven around the inspiring story of the late Stuart Mangan who despite a very serious neck injury used technology creatively to help improve his life.

**Biography**

Gary McDarby PhD CEng has a background in Biomedical Engineering and Neuroscience and is based in the Complex Adaptive Systems Laboratory in UCD. He is particularly interested in the ways that technology can play a profound and positive role in human evolution. Some of his research areas include using technology in education, mental health, and the area of disability. He is a director of an organisation that distributes refurbished computers to schools in Africa and the founder of the Liberties Computer Clubhouse (an educational initiative using creative technology to empower marginalised young people). He was formally a principle investigator at MIT Media Lab Europe heading up the MindGames group responsible for inventing the Relax to Win gaming platform and the Cerebus brain computer interface.



SciFest is jointly funded by Intel and Discover  
Science and Engineering as project partners

**Platinum Sponsors**



**Silver Sponsors**

Beckman Coulter Biomedical Ltd. (LIT), Environmental Protection Agency (EPA)

**Bronze Sponsors**

Institute of Physics Ireland, Cook Ireland Ltd (LIT), AIB (LIT)

