



## **EI (Cork Region) EVENING LECTURE**

### **An Roth** ***Ceol agus an Teicneolaíocht***

**Léacht le**

**Matt Cranitch, BE, BMus, PhD**

Is léachtóir é Matt Cranitch sa Roinn Innealltóireacht Leictreonach in Institiúid Teicneolaíocht Chorcaí. I measc a n-ábhair teagaisc agus taighde, tá leictreonaic analóg, fuaimeolaíocht agus teicneolaíocht ceoil. Tá céimeanna ollscoile gnóthaithe aige san innealltóireacht leictreach agus sa cheol. Freisin, tá a ainm in airde, i gcéin agus i gcóngar, mar fhidléir den scoth, agus mar shaineolaí ar an gceol traidisiúnta. Ins an léacht seo, tabharfaidh sé áird faoi leith ar an gceangailt agus an trasnú idir an ceol and an teicneolaíocht, gnéithe a cheaptar go minic a bheith scartha amach ón a chéile. Ar na h-ábhair a bheidh faoi chaibidil aige, beidh módh nodaíreach Shliabh Luachra, agus an córas idirghníomhach rochtain le h-aghaidh cartlanna ceoil, a tá á fhorbairt go comhoibritheach ag CIT agus DIT, i gcomhar le Taisce Cheol Dúchais Éireann. Mar chuid de'n léacht, seinnfidh Matt roinnt míreanna ceoil ar an bhfidil.

Matt Cranitch is a lecturer in the Department of Electronic Engineering at CIT. His lecture topics and research interests include analogue electronics, acoustics and music technology. He has degrees in electrical engineering and in music. In addition, he is renowned as a fiddle-player and as an authority on Irish traditional music, both at home in Ireland and abroad. For this lecture, he will draw on his experiences in both music and technology, focusing on the intersection and interaction of these domains of knowledge. Among the topics that Matt will consider are the Sliabh Luachra 'Code', and the Interactive Music Archive Access System (IMAAS), a joint research initiative between CIT and DIT, in association with the Irish Traditional Music Archive. As part of this presentation, Matt will demonstrate with his own fiddle-playing some of the points being addressed.

<b>Date:</b>	<b>Tuesday 4<sup>th</sup> December, 2007</b>
<b>Time:</b>	<b>6.00 p.m. for 6.15 (Light refreshments served at 6.00 p.m.)</b>
<b>Venue:</b>	<b>Cork Institution of Technology</b>
<b>Room:</b>	<b>Performance Theatre</b>

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