Innealtóireacht San Iomáint
(Engineering in Hurling)

Dáta/Date: Dé Máirt 24ú Márta / Tuesday March 24th
Am/Time: 19:00 (Tae agus Caife ó 18:30)
Ionad/Venue: Coláiste Na Hollscoile, Bóthar an Choláiste, Corcaigh Seomra G9 / Room G9, Civil and Environmental Engineering, School of Engineering, University College Cork
Cainteoir: An t-Ollamh Conchúr Ó Brádaigh (UCC)

The engineering research that has been carried out on hurling equipment over the last 15-20 years will be described in this lecture. The mechanical and physical characterisation of hurley ash using both static and dynamic testing will also be presented, and the material described as a natural composite material. Development of composite hurleys will be presented and current artificial hurleys on the market discussed. Sliotar testing and test standard developments are presented, including water-uptake, impact, rebound and flight distance testing. The development of the new hurling helmet testing standard, IS 355 is also described.

Speaker Bios:

Conchúr Ó Brádaigh is Professor of Energy Engineering at University College Cork. He is also Director of the SFI-funded Marine Renewable Energy Ireland (MaREI) Centre and Beaufort at UCC. He was previously a Senior Lecturer in Mechanical Engineering at NUI Galway. He holds a PhD from the University of Delaware (USA). His research interests include manufacturing, testing and modelling of composite materials for renewable energy applications (wind and ocean energy), liquid moulding of thermoplastic composites using monomer systems, cryogenic properties and space applications, design of composite sporting products and the development of medical orthopaedic products in advanced composite materials.