



Professor Dr.-Ing G. Byrne is the Director of the Research Centre which is based in the College of Engineering and Architecture in the School of Mechanical and Materials Engineering at University College Dublin. Professor Byrne is an Active Member of the Collège International pour l'Étude Scientifique des Techniques de Production Mécanique (C.I.R.P.) and a member of its Council. He is a former Chairman of the CIRP Editorial Board and is currently Chairman of the Scientific Technical Committee "Cutting" (STC"C"). He is College Principal and the Dean of Engineering at UCD. Professor Byrne is a former President of the Institution of Engineers of Ireland and of the Irish Academy of Engineering. He is an International Fellow of the Royal Academy of Engineering, UK [FREng] and a life time Fellow of the Society of Manufacturing Engineers (USA).

Research Interests:

- Environmentally clean manufacturing
- Precision and ultra-precision machining science
- Machine tool technology
- Rapid product development
- Manufacturing processes for newer engineering materials
- Thin film coatings for wear resistance
- Machining of 'difficult-to-machine' materials