



## WCCE11 - 11th WORLD CONGRESS OF CHEMICAL ENGINEERING

IACCHE - XXX INTERAMERICAN CONGRESS OF CHEMICAL ENGINEERING  
CAIQ2023 - XI ARGENTINIAN CONGRESS OF CHEMICAL ENGINEERING  
CIBIQ2023 - II IBEROAMERICAN CONGRESS OF CHEMICAL ENGINEERING

Buenos Aires - Argentina - June 4-8, 2023

*"The global chemical engineering working for a better future world"*

### Neofossils: bio-based plastics to sequester CO<sub>2</sub>



**Tony Ryan** is Professor of Physical Chemistry at the University of Sheffield and the founding Director of the Grantham Centre for Sustainable Futures. In the 2006, he was appointed Order of the British Empire (OBE, a British order of chivalry) for services to Science.

He holds a PhD from the University of Manchester. He served as Head of Chemistry University of Sheffield and before becoming the Pro Vice Chancellor for the Faculty of Science in 2008, a role which he fulfilled until 2016.

His research covers sustainable synthesis, structure, processing, and applications of polymers, including renewable sources for polyurethane synthesis, organic photovoltaics, flow-induced crystallisation of biopolymers. He has co-authored more than 300 papers and patents and 2 books. Tony is also very active in science communication to experts and non-experts, and has been a regular contributor to TV, Radio, National Press and at learned societies as The Royal Society of Chemistry. He focuses on the global challenge of the food, water, and energy nexus; feeding a growing world population; reducing the impacts of agriculture and food production and harnessing the power of the sun for food production and renewable energy.