

Dr Katie Chong

Senior Lecturer in CEAC/EBRI at Aston University

Birmingham, , GB

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Biography

Dr Katie Chong has a particular interest in the thermochemical conversion of biomass and wastes, biorefinery process synthesis and techno-economic evaluation. In particular Katie likes to make techno-economic and environmental assessment data more accessible for the non-expert. Katie has 17 years' experience in the commercial and academic sectors working on bioenergy and process optimisation. Katie has significant industrial experience, having worked in the paper industry and as a bioenergy consultant. Since returning to academia Katie has successfully won and completed a number of BBSRC and EPSCRC projects in bioenergy. Katie is involved in several research consortia and is currently working on a GCRF project working with Stellenbosch University developing a techno-economic model for the evaluation of a paper mill based biorefinery and a DFID project on sustainable energy access for sub-Saharan Africa. Katie is currently a Topic Group Representative for Conversion within the Supergen Bioenergy Hub, Regional Chair for the biomass and wastes special interest group of the Fuel and Energy Research Forum and is a committee member of the IChemE Clean Energy Special Interest Group.

Areas of Expertise

Pyrolysis, Techno-Economic Assessment, Chemical Technology, Bioenergy, Life Cycle Assessment

Affiliations

Supergen Bioenergy Hub : Topic Group Representative for Conversion, Fuel and Energy Research Forum : Regional Chair, IChemE Clean Energy Special Interest Group : Committee Member

Sample Talks

The challenges and opportunities of liquid biofuels

Dr Katie Chong explains how we can convert the rubbish we put in bin bags to valuable liquid biofuels. <https://futureoftechnology.co.uk/video/the-challenges-and-opportunities-of-liquid-biofuels/>

Education

Aston University

BEng Chemical Engineering

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