



UNIVERSITY OF
CAMBRIDGE

Chemical Engineering and
Biotechnology

Tuesday 23rd April 2013

2nd Year Posters 2013

Pembroke Street. Tea Room

Posters will be presented in the tea room at 15.45. Please make sure posters are set up by 13.30

Pieterjan Van Ytvanck

Impact of using a biomass-derived source of ethylene on polyester polymer production

Qingyuan Zheng

Operando studies of catalysts using magnetic resonance imaging

Sara Gomez Sanz

Exploiting carbon in enhancing the performance of catalytic materials

Chen Chen

Affinity Ligands for Glycoprotein Purification

Jordan Ramsey

Molecular Sex Differences in Schizophrenia

Maria Luisa Botero

Sooting tendency of surrogates for the paraffinic fractions of diesel and gasoline in diffusion flames

Edward Yapp

Modelling of soot formation in burner-stabilised, stagnation flames

Wenting Hu

The interaction between ammonia and oxygen carriers - a preliminary investigation

Nicholas Tan

Chemical Applications of Terahertz Spectroscopy

Jacky Kourieh

Direct Holographic Immunoassay for Pregnancy

Felicity Bartholomew

Investigating the effects of polar molecules on the stability of overbased detergents

Christopher Boyce

Computational Modelling of Fluidised Beds

Peng Song

The electrochemical sensing of sulfide via EC' mechanism

Alan McCreanor

Modelling the transport properties of cementitious materials