



SCIENTIFIC PROGRAM

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7th International Conference on
**GREEN CHEMISTRY &
TECHNOLOGY**

June 18-20, 2018 | Dublin, Ireland



Allied Academies

85 Great Portland St, Marylebone, London W1W 7LT, UK

Monday | June 18, 2018 | Day 1

Conference Hall : Tower Suite

08:00-08:45

REGISTRATIONS

08:45-09:00

OPENING CEREMONY & INTRODUCTION

KEYNOTE FORUM

09:00-09:40

Title: Greener protocols biological and pharmaceutical compounds

Ahindra Nag, Indian Institute of Technology, India

09:40-10:20

Title: Human and ecologically friendly candlelight OLED

Jwo-Huei Jou, National Tsinghua University, Taiwan

Network & Refreshment Break 10:20-10:40 @ Breakout Area

Special Session

10:40-11:15

Title: Efficacy of termite baits for area-wide control of subterranean termites in historic buildings in new Orleans, Louisiana and mobile, Alabama

Claudia Riegel, City of New Orleans Mosquito & Termite Control Board, USA

11:15- 11:50

Title: Cellulose filament as fiberglass replacement in reinforced plastic

Daniel Montplaisir, Universite du Quebec à Trois-Rivières, Canada

11:50 - 12:25

Title: Ionic liquid based artificial cellulase type catalysts for cellulosic ethanol process

Ananda S Amarasekara, A&M University, USA

Major Sessions:

Environmental Chemistry | Biomass & Bioenergy | Agrochemicals | Green Materials | Biopolymers & Bioplastics

Session Chair: Ahindra Nag, Indian Institute of Technology, India

Session Introduction

12:25 -12:50

Title: Bio4products: Creating sustainable resources for processing industry

Hans Heeres, BTG Biomass Technology Group, Netherland

12:50 -13:15	<p>Title: A mechanical insecticide approach to non-chemical, low-cost mosquito control</p> <p>Erin Cloherty, Termite & Rodent Control Board, USA</p>
Group Photo & Lunch Break 13:15-14:15 @ Breakout Area	
14:15- 14:40	<p>Title: Olive pomace: From an agro-waste to a valuable source of biocompounds</p> <p>M. Antónia Nunes, University of Porto, Portugal</p>
14:40 -15:05	<p>Title: Oxidative dehydrogenation of menthol in a continuous gas phase process</p> <p>Angela Köckritz, University of Rostock, Germany</p>
15:05 -15:30	<p>Title: Synthesis and adsorption behavior of chitosan-coated MnFe₂O₄ nanoparticles for trace heavy metal ions removal</p> <p>Zhoucheng Wang, Xiamen University, China</p>
15:30 -15:55	<p>Title: Single cell oil production from agricultural wastes and its chemical transformation for production of long chain α,ω-dicarboxylic acids</p> <p>Hao Fang, Northwest A&F University, China</p>
Network & Refreshment Break 15:55 -16:15 @ Breakout Area	
16:15 - 16:40	<p>Title: Sustainable poly(hydroxyurethane)s thermoset adhesives for affixing metals</p> <p>Satyannarayana Panchireddy, University of Liège, Belgium</p>
16:40 -17:05	<p>Title: Production of furfural from D-xylose and organosolv hemicellulose in water/ethanol mixtures</p> <p>Jakob Köchermann, DBFZ German Biomass Research Centre, Germany</p>
Networking & Panel Discussion	
Tuesday June 19, 2018 Day 2	
Conference Hall : Tower Suite	
KEYNOTE FORUM	
09:00-09:40	<p>Title: Polyphenols from catalytic organosolv process: Antioxidants and carbon fiber applications</p> <p>Tatjana Stevanovic, Laval University, Canada</p>
09:40-10:20	<p>Title: Microwave catalytic conversion of lignocellulosic wastes into biofuel precursors</p> <p>Andres Moreno Moreno, Univ. Castilla-La Mancha, Spain</p>
10:20-11:00	<p>Title: An investigation of the microstructure of a lateritic soil stabilized with corn cob ash</p> <p>Apampa O Ahmed, School of Engineering of Moshood Abiola Polytechnic, Nigeria</p>
Network & Refreshment Break 11:00-11:20 @ Breakout Area	
Special Session	

11:20-11:55	Title: Recent advances in asymmetric (Green) catalysis Pat Guiry MRIA , University College Dublin, Ireland
11:55-12:30	Title: Conversion of ethanol to butadiene over MgO-SiO₂ catalysts Barthos Robert , Institute of Materials and Environmental Chemistry, Hungary
Major Sessions: Industrial Applications of Green Chemistry Polymer Chemistry Environmental Pollution & Global Warming 	
Session Chair: Tatjana Stevanovic, Laval University, Canada	
Session Introduction	
12:30 - 12:55	Title: Continuous generation of anhydrous tert-butyl hydroperoxide and its application in flow oxidation Bryan Li , Pfizer Worldwide Research and Development, USA
12:55 - 13:20	Title: Detailed kinetic investigations on the selective oxidation of biomass to formic acid (OxFA process) Jakob Albert , FAU Erlangen-Nürnberg, Germany
Lunch Break 13:20 -14:20 @ Breakout Area	
14:20 -14:45	Title: Synthesis of visible light responsive Cu(OH)₂ loaded ZnIn₂S₄ photocatalyst for production of renewable hydrogen by non-sacrificial water splitting Thillai Sivakumar Natarajan , University College Dublin (UCD), Ireland
14:45 -15:10	Title: Effectiveness of botanical nanoparticles against root-knot nematode (<i>Meloidogyne incognita</i>) Atef Mohamed Khedr Nassar , Damanhour University, Egypt
15:10 -15:35	Title: Selective wacker oxidation of a macrocyclic diene to a monounsaturated carbonyl compound used for the fragrance industry in one step Tom Brunzel , University of Rostock, Germany
15:35 -16:00	Title: Total phenolics of gracilaria vermiculophylla – optimizing extraction procedures using green methodologies Filipa B Pimentel , University of Porto, Portugal
Network & Refreshment Break 16:00 -17:00 @ Breakout Area Poster presentations @ Meeting rooms	
ICGCT-01	Title: High speed zinc-phosphate coating method with acidic electrolytes on metal surface Erkan KARAYIGIT , Baskent University, Turkey
ICGCT-02	Title: Heat transfer modeling to improve the lifespan of LED by Al/Cu composite heat spreader Dong-Hee Lee , Chungnam National University, Republic of Korea
ICGCT-03	Title: Grape pomace-derived products: A comparative study regarding nutritional composition Anabela S G Costa , University of Porto, Portugal

ICGCT-04	<p>Title: Recovery efficiency of zr according to particle size of BaF2 from waste pickling acid solution of zr clad tube</p> <p>Wan-Bae Kim, Chungnam National University, Republic of Korea</p>
ICGCT-05	<p>Title: Electro decontamination ehavior of the simulated radioactive Ni-Co alloy waste using electrorefining in LiCl-KCl 5-wt.% NiCl₂</p> <p>Woo-Seok Choi, Chungnam National University, Republic of Korea</p>
ICGCT-06	<p>Title: Efficient photoelectrochemical water oxidation by cobalt phosphate modified composite</p> <p>Kyo-Seon Kim, Kangwon National University, Republic of Korea</p>
ICGCT-07	<p>Title: <i>In Situ</i> modulation excitation IR spectroscopy in environmental catalysis: NOx removal by au catalysis</p> <p>Xianwei Wang, Dalian University of Technology, China</p>
ICGCT-08	<p>Title: Sustainable poly(hydroxyurethane)s thermoset adhesives for affixing metals</p> <p>Satyannarayana Panchireddy, University of Liège, Belgium</p>
ICGCT-09	<p>Title: The use of peat-based biochar as an additive to manure management systems to reduce greenhouse gas emissions</p> <p>Josephine Getz, Dublin Institute of Technology, Ireland</p>

Wednesday | June 20, 2018 | Day 3

Networking & Panel Discussion @ 10:00-14:00

Lunch Break

Award & Closing Ceremony

BOOKMARK YOUR DATES

JUNE 06-07, 2019 | MADRID, SPAIN

9th International Conference on
**GREEN CHEMISTRY AND
 TECHNOLOGY**



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