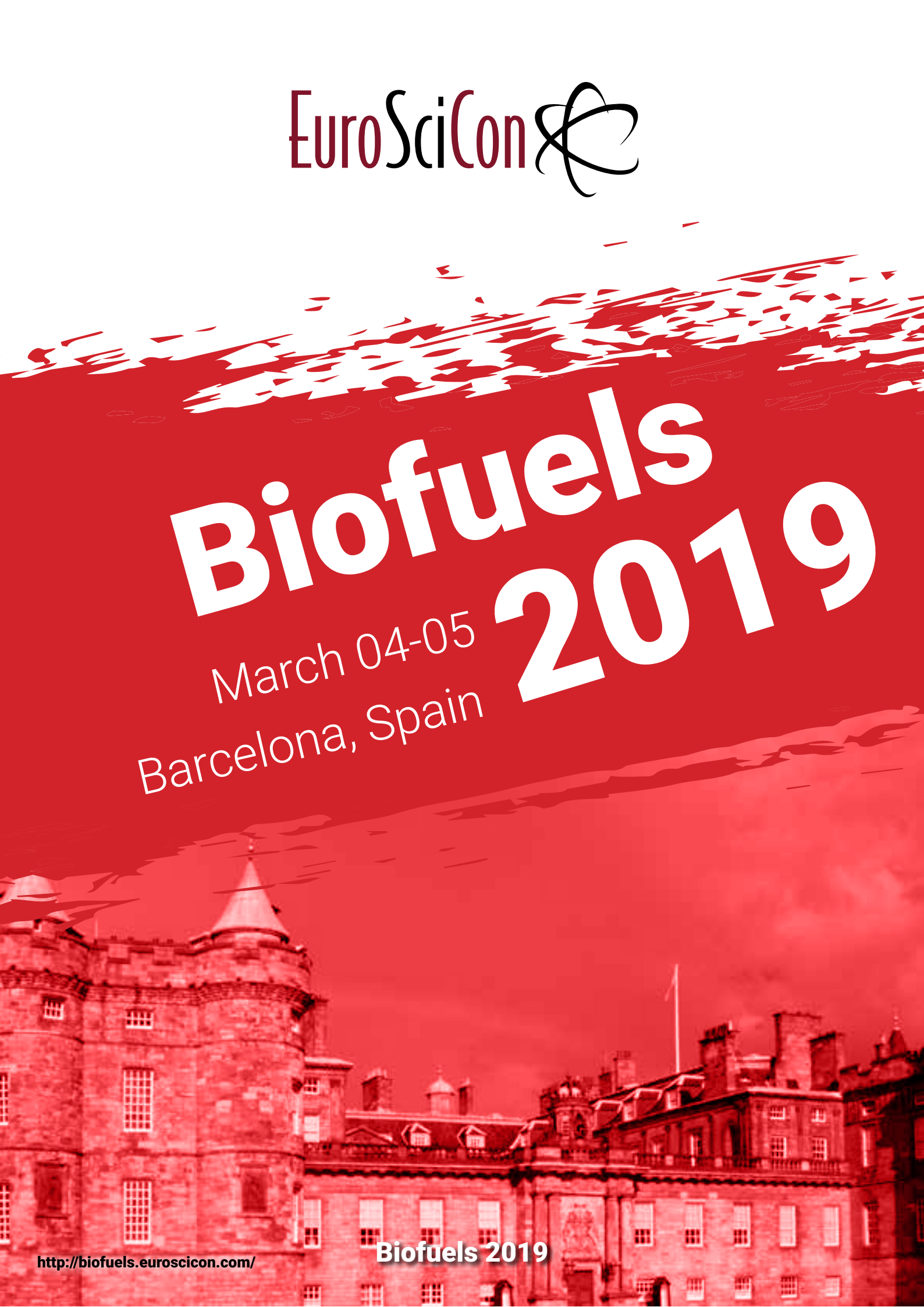
EuroSciCon

Biofuels 2019

March 04-05

Barcelona, Spain



Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
10:00 AM	Talks On: **Industrial Biorefinery**	Talks On: **Biomass**	Talks On: **Renewable Ethylene Production**
	Talks On: **Renewable Chemicals**	Talks On: **Waste Biomass to Energy**	Talks On: **Algal Biofuels**
	Lunch Break @ Restaurant	*Lunch Break @ Restaurant*	*Lunch Break @ Restaurant*
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Hydrogen Production from Biomass**	Panel Over: **Biogas**	Panel Over: **Ethanolic Fermentation**
	Workshop On: **Bioenergy**	Workshop On: **Integrated Biorefinery**	Workshop On: **Bioethanol**
04:00 PM	Talks On: **Advanced Solid Biofuels**	Talks On: **Petroleum Refinery**	Talks On: **Biodiesel**
	Lectures on: **Next Generation Renewable Energy**	Lectures on: **Bio Oil Production**	Lectures on: **Biodiesel from Waste**
06:00 PM	Session On: **Energy from Waste**	Session On: **Bioethanol production from Waste**	Session On: **Aviation Biofuels**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
10:00 AM	Talks On: **Lignocellulosic Biomass**	Talks On: **Biofuel Market**	Talks On: **Manure Derived Biogas**
	Talks On: **Green Diesel from Algae**	Talks On: **Energy and Environment**	Talks On: **Enzymatic Biodiesel Production**
	Lunch Break @ Restaurant	*Lunch Break @ Restaurant*	*Lunch Break @ Restaurant*
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Hydrogen Fuel Cell**	Panel Over: **Sustainability and Climate Change**	Panel Over: **Carbon-dioxide Conversion to Liquid Fuel**
	Workshop On: **Nanotechnology in Next Generation Biofuels**	Workshop On: **Waste Management**	Workshop On: **Solar Energy**
04:00 PM	Talks On: **Food Security**	Talks On: **Biodiversity**	Talks On: **Renewable Global Chemical Market**
	Lectures on: **Non Food Crops on Biofuel Production**	Lectures on: **Green Energy and Bioeconomy**	Lectures on: **Biofuel Policies**
06:00 PM	Session On: **Bioeconomy**	Session On: **Advances in Renewable Chemicals**	Session On: **Entrepreneurs Investment Meet**
	NETWORKING	**NETWORKING**	**NETWORKING**

Past Affiliates

Ataullah Khan Mohammed
InnoTech Alberta, Canada"

Azariel Ruiz-Valencia
Institut Européen des Membranes, France"

Benjamin D Summers
Purolite Ltd., UK

Biserka Lukarić Špalj
Rijeka Refinery Energetics, INA Oil Refinery PLC, Croatia"

Carlos Eduardo Bertolassi
State University of Campinas (UNICAMP), SP-Brazil"

Douglas A do Nascimento
State University of Campinas (UNICAMP), SP-Brazil"

Govinda R. Timilsina
World Bank, Washington DC, USA"

Hendrik Stein
ASG Analytik-Service GmbH, Germany"

Hermes Jose Loschi
State University of Campinas (UNICAMP), SP-Brazil"

Isabelle Gosselin
University of Picardie Jules Verne, France"

Malgorzata Slupska
Research Director POET, USA

Donald L. Rockwood
president Florida FGT, USA

Jim Grey
Chair of Renewable Industries,Canada

Jianli Zeng
SINOPEC, P.R. China

Luma Sh. Al-Saadi
New Casrtle University, UK

Maria Blazina
Center for marine research, Ruder Boskovic Institute, Croatia

Maria de Lourdes Tovilla-Coutino
Institut Européen des Membranes, FRArance

Maria Stein
ASG Analytik-Service GmbH, Germany

Markus Millinger
Helmholtz Centre for Environmental Research (UFZ), Germany

Michael D. Eggleston
University of Rhode Island, USA

Michele Aresta
University of Bari, Italy

Nathanial Cooper
Imperial College London, UK

Markus Brautsch
Professor, University of Applied Sciences, Germany

Henrik V. Scheller
Senior Researcher,USA

Ange NZIHOU
Director RAPSODEE Research Centre, France

Jason Bootsma
Director of Technology,USA

Ravi Kant Bhatia
Himachal Pradesh University, India

Saleem Ullah
University of Jyväskylä, Finland

Serge Cosnier
Univ. Grenoble Alpes, France

Streffer
FLXP Group GmbH, Germany

Zexue Du
SINOPEC, P.R.China

Jan Clement
Geo Jan Sustainable Environmental Solutions, Nethrelands

Jerry Luis Solis Valdivia
KTH, Sweden

Ranim ALAYOUBI
University of Picardie Jules Verne, France

Nicholas James Westwood
University of St Andrews and EaStCHEM,UK

Omar Aboelazayem
London South Bank University, UK

Antonio Padula
Univerisade Federal do Rio UFRGS, Brazil

Shingjiang Jessie Lue
Chang Gung University,Taiwan

Leandro Soter de Mariz Miranda
Universidade Federal do Rio, Brazil

Past Affiliates

Majid Hosseini
The University of Texas, USA

Francisco García Labiano
ICB-CSIC,Spain

james Houser
Appalachian State University, USA

Marc A. Rosen
University of Ontario, Canada

Koji Hashimoto
Tohoku University,Japan

Anh Phan
Newcastle university, UK

PRABIR BASU
President & CEO Greenfield Incorporated,Canada

Daniela Thrän
Helmholtz Centre, Germany

Charles Cai
CTO, MG Fuels,USA

Wei-Hsin Chen
National Cheng Kung University,Taiwan

Rajai H. Atalla
Chairman and CTO Cellulose Sciences International,USA

Brooks Henningsen
Mascoma LLC, USA

Animesh Dutta
Director Bio-Renewable Innovation Lab,Canada

Alberto Abad Secades
ICB-CSIC, Spain

Weilan Shao
Jiangsu University, China

Antonio Padula
Univerisade Federal do Rio Grande do Sul – UFRGS, Brazil

Wolfgang Bauer
Doctor, Michigan State University, USA

Maria A. Sandoval R.
National Institute for Energy Efficiency and Renewable Energy (INER), Ecuador

Shingjiang Jessie
Professor,Chang Gung University, Taiwan

Handan Erturk
Prof. Dr. Konya Food and Agriculture University, Turkey

Hu Li
Doctor, The University of Leeds, UK

Leandro Soter de Mariz Miranda
Professor, Universidade Federal do Rio de Janeiro-(UFRJ), Brazil

Mirella Elkadi
Department of Chemistry at the Petroleum Institute, UAE

Federico BATTISTA
IFP Energies Nouvelles, France

james Houser
Appalachian State University, USA

Henry Bedoya
Henry T Bedoya, University of Life Sciences, Norway

Aymn Abdulrahman
Doctor, University of Jeddah, Saudi Arabia

Anh Phan
Professor,Newcastle university, UK

Christof Weinländer
Graz University of Technology, Graz, Austria

Iqbal Munir
Doctor, The University of Agriculture Peshawar, Pakistan

Sally Krigstin
Assistant Professor,University of Toronto, Canada

Frank Rosillo-Calle
Doctor, Imperial College London, UK

Muneeba Khalid
Ph.D. Scholar, National University of Science and Technology, Pakistan

Past Affiliates

Wensheng Qin
Professor,Lakehead University, Canada

Yiwu Weng
vice president of Energy Institute in Shanghai Jiao Tong University, China

Wei Li
Nankai University, China

Niclas Scott Bentsen
University of Copenhagen, Denmark

Xiaojing Lv
Shanghai Jiao Tong University, China

Zhenyu Wang
Beijing forestry University, China

Kesen Ma
Associate Professor,University of Waterloo, Canada

Qian Kang
Dr.ir., KU Leuven University, Belgium

Lala Behari Sukla
Doctor, Siksha Anusandhan University, India

Keith E. Taylor
Professor,University of Windsor, Canada

NAIMI Youssef
Professor, University of Hassan II Casablanca, Morocco

Rafael M. Plaza
Natural Resources & Environmental Law (CREEL), China

David M. Babson
Technology Manager Bioenergy Technologies Office U.S. Department of Energy , USA

Sivakumar Nallusamy
Doctor, Sultan Qaboos University, Muscat, Oman

Wighens Ngoie Ilunga
Cape Peninsula University of Technology, South Africa

Nuwan Sella Kapu
Lecturer,University of British Columbia, Canada

Junior Te'o
Queensland University of Technology, Australia

Idan Chiyanzu
Doctor, Mangena M, ARC-IAE, RSA, South Africa

A.Rajendiran
Dy.General Manager(R&D) Bharat Petroleum corporation ltd, R&D Centre, Mumbai , India

Ghazala Butt
Doctor, GC University, Pakistan

Marina Kousoulidou
Mechanical-Aeronautical Engineer,Italy

Jacob K. Jensen
Research Assistant Professor,Michigan State University, USA

Sitwat Aman
Doctor, University of Lahore Thokar Lahore, Pakistan

Ib Johannsen
Professor, Aarhus University, Denmark

Soo-Young No
Chungbuk National University, South Korea

Aurangzeb Akram
Doctor, NFC IET Multan, Pakistan

Jizhong Zhou
Institute for Environmental Genomics, USA

Scott Sattler
Research Molecular Biologist,USDA-ARS, USA

Bassam Aljohny
Doctor, King Abdulaziz University, Morocco

John A. Posada
Delft University of Technology , Netherlands

Past Affiliates

Serpil Özmıhçı
Assistant professor,Dokuz Eylul University, Turkey

Gopal P. Agarwal
Doctor, Indian Institute of Technology, Delhi, India

Xinhua Qi
Chinese Academy of Agricultural Sciences, China

Ashwin Gajra
Asst. Vice President,Reliance Industries Limited, India

Mohan Chandra Kalita
Doctor, Gauhati University, India

Naim Rashid
University of California, USA

Sarah Teter
Global Research Manager,Novozymes, USA

Pankaj Bharali
Post-Doctoral Scholar, Gauhati University, India

Henry Persson
KTH Royal Institute of Technology, Sweden

Christina Dorado
Research Chemist,USDA-ARS, USA

LAJDEL abdellatif
UNIVERSITE HASSAN II Casablanca, Morocco

Rick Musleh
Government of Saskatchewan, Canada

Ana Paula Alonso
Associate Professor ,The Ohio State University, USA

Mamdouh A. Gadalla
Doctor, The British University in Egypt, Egypt

Saleem Ullah
University of Jyväskylä, Finland

Janea A. Scott
Commissioner, California Energy Commission , USA

Mennat Labib
The British University in Egypt, Egypt

Qaun Sophia He
Dalhousie University, Canada

Mustapha Benmoussa
CEO at AGT Nutraceuticals LLC , USA

Dr.Ing.Mohammad Al-Addous
Doctor, School of Natural Resources Engineering and Management, Germany

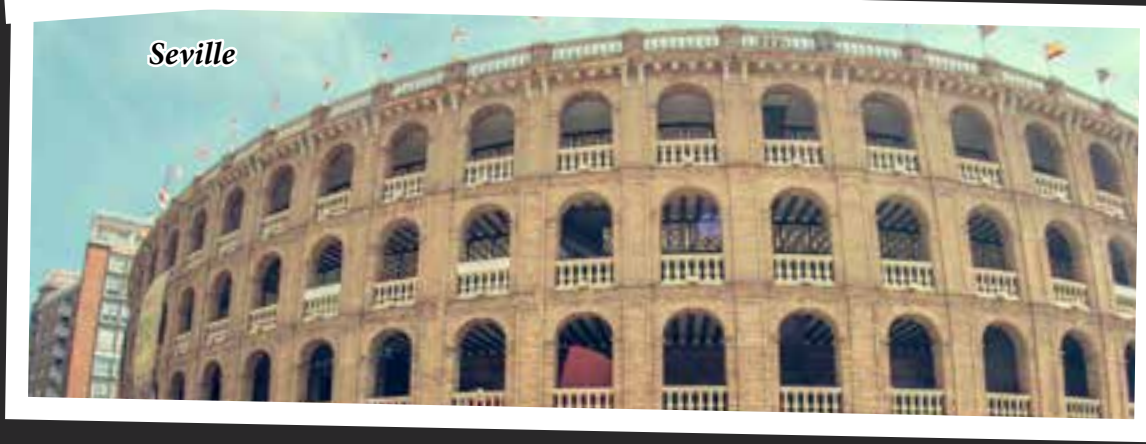
Ajay K. Dalai
Professor, Canada Research University, Canada

City Attractions









City Attractions

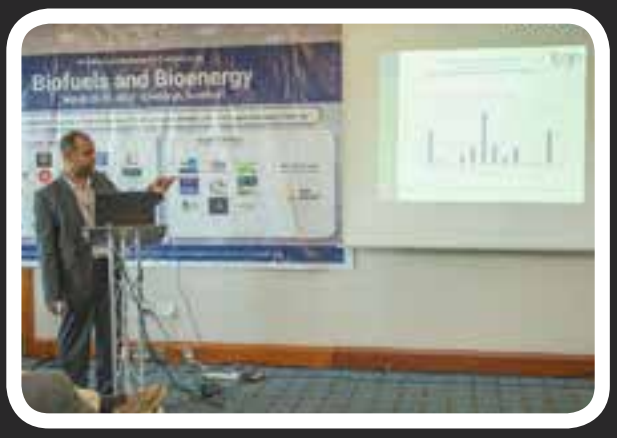








Biofuels Glimpses

















http://biofuels.euroscicon.com/

Day 1 May 14, 2018

Registrations

Odenwald

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Opening Ceremony

Keynote Forum

Introduction

Title: Band-gap engineering and morphological control of TiO_2 nanoparticles by a semi-solvothermal route

David G Calatayud, Instituto de Ceramica y Vidrio – CSI, Spain

Networking and Refreshments Break @ Foyer

Title: Effectiveness in UV absorption of hierarchical nano ZnO-microTiO_2 composites with photodegradation inhibition

Julian Reinosa, Institute of Ceramics and Glass (CSIC), Spain

Sessions: Composite Materials | Advanced Ceramic Materials

Session Chair: David G Calatayud, Instituto de Ceramica y Vidrio – CSI, Spain

Title:Effect of the homogenization treatment on the microstructure and the electrical conductivity of 3YTZP/graphene nanoplatelet composites

Rosalía Poyato, CSIC-Universidad de Sevilla, Spain

Title: Performance of granite dust as filler in ordinary portland cement

Atiemo E, CSIR-Building and Road Research Institute, Ghana

Title:Development of lead-free perovskite ceramics with tunable optical and magnetic properties at room temperature

Santiranjan Shannigrahi, Institute of Materials Research and Engineering, Singapore

Group Photo @ Olimpica 2

Lunch Break @ Hotel Restaurants

YRF: Role of sintering method on graphene/3YTZP composites

Cristina López-Pernía, Universidad de Sevilla, Spain

YRF: Process development for the ceramic injection molding of oxide short fiber reinforced CMCs

Hasan Metin Tülümen, Karlsruhe Institute of Technology, Germany

Title: Composite materials from clays and clay mineral: Synthesis, characterization and electroanalytical applications

Tonle Kenfack Ignas, University of Dschang, Cameroon

Sessions: Ceramics applications | Porous Ceramics | Ceramic Industry and Environment

Session Chair: David G Calatayud, Instituto de Ceramica y Vidrio – CSI, Spain

Title: Fabrication and characterisation of high-frequency ultrasonic transducers based on piezoelectric thick films and porous backing

Danjela Kuscer, Jozef Stefan Institute, Slovenia

Title: Preparation of zZirconium-based porous ultra-high temperature ceramics via sol-gel precursors

Xiao Huang, Shanghai Institute of Ceramics, China

Networking and Refreshments Break 16:00-16:15 @ Foyer

Title: Practical approaches to energy efficiency improvement in SiC-based ceramics processing

Maria Vartanuan, D. Mendeleev University of Chemical Technology of Russia, Russia

YRF:3D-printing of ceramic-based porous structures using stereolithography

Dieraert Axel, CEA, DAM, France

Panel Discussion

Day 2 May 15, 2018

Olimpica 2

Keynote Forum

Introduction

Title: Bonding structure and deformation mechanisms in ultra-hard ceramics

Ghatu Subhash, University of Florida, USA

Networking and Refreshments Break @ Foyer

Sessions: Functional Ceramics and Inorganics | Materials and Innovative Processing Ideas | Ceramics and Art | Ceramics and Glasses

Session Chair: Ghatu Subhash, University of Florida, USA

Session Co-Chair: Nikolay Makarov, D.Mendeleev University of Chemical Technology of Russia, Russia

Title: Ceramics in the system ZrO_2-Al_2O_3 with eutectic additives

Nikolay Makarov, D.Mendeleev University of Chemical Technology of Russia, Russia

Title:Homogeneous precipitation of ceramic powders preparation from sulfate-sulfite-ammonia system

Satoshi Sugita, University of Guanajuato, Mexico

Title:Use of ceramic materials in street art

Fidan Tonza, Ondokuz Mayis University, Turkiye

Lunch Break @ Hotel Restaurants

Title: Usage of boron waste In transparent glazes

Fidan Tonza, Ondokuz Mayis University, Turkiye

Title: *In Vivo* behaviour of Ag^+ ion doped calcium phosphate based ceramic powder coating on Ti_6Al_4V implants

Ceren Peksen, Ondokuz Mayis University, Turkiye

Poster Presentations @ Foyer

CCM-01	**Title: Li_2O-ZnO-TiO_2 ceramics with eutectic additives for LTCC technology** **Dmitry Vershinin,** Mendeleev University of Chemical Technology of Russia, Russian Federation
CCM-02	**Title: Aerogels – functional materials with promising optical applications** **Dimitar Shandurkov,** Sofia University, Bulgaria
CCM-03	**Title: Effects of nano-fluids for advanced nanomaterial applications** **Balaji Srinivasan,** Bharat Forge Limited, India
CCM-04	**Title: Nanomaterials for energy conversion and storage** **Natarajan Nagarajan,** Bharat Forge Limited, India
CCM-05	**Title: Ceramic composite calcium aluminate reinforcement with Ag particles synthesized by solid-stated reaction** **José G. Miranda-Hernández,** Universidad Autónoma del Estado de México, México
CCM-06	**Title:Novel Ge- and Sn-based initiators for light induced radical polymerization of dental resins** **Benjamin Gebhardt,** Ivoclar Vivadent, Switzerland
CCM-07	**Title:Development and characterisation of Ox-Ox CMCs components for high temperature insulation application** **Virtudes Rubio,** NCC, UK

Networking and Refreshments Break 15:30-15:50 @ Foyer

Panel Discussion

Closing Ceremony