



Organizing Committee

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Dr. M. Karuppaiyya

Paper submission

Authors are invited to submit their research findings for oral / poster presentations in the conference. For paper submission, registration, fees payment and updates please visit the conference website: www.bifuchemi2019.com

Publication

All the presented papers will be published in proceedings with ISBN. The selected papers will be reviewed and published in refereed journals.

Important dates

Submission of abstract :
May 10, 2019

Confirmation of acceptance :
May 30, 2019

Submission of paper in complete form along with registration form and fees :
June 30, 2019

Registration fee	Indian delegates		Foreign delegates	
	Early Bird (before June 30, 2019)	After June 30, 2019	Early Bird (before June 30, 2019)	After June 30, 2019
Academic	Rs. 2000	Rs. 2500	US\$ 200	US\$ 250
Research scholar	Rs. 1000	Rs. 1500	US\$ 150	US\$ 200
Personnel from industry	Rs. 5000	Rs. 6000	US\$ 300	US\$ 350
Accompanying Spouse	Rs. 1000	Rs. 1000	US\$ 100	US\$ 100

For details on registration fee payment, please visit the conference website www.bifuchemi19.com.

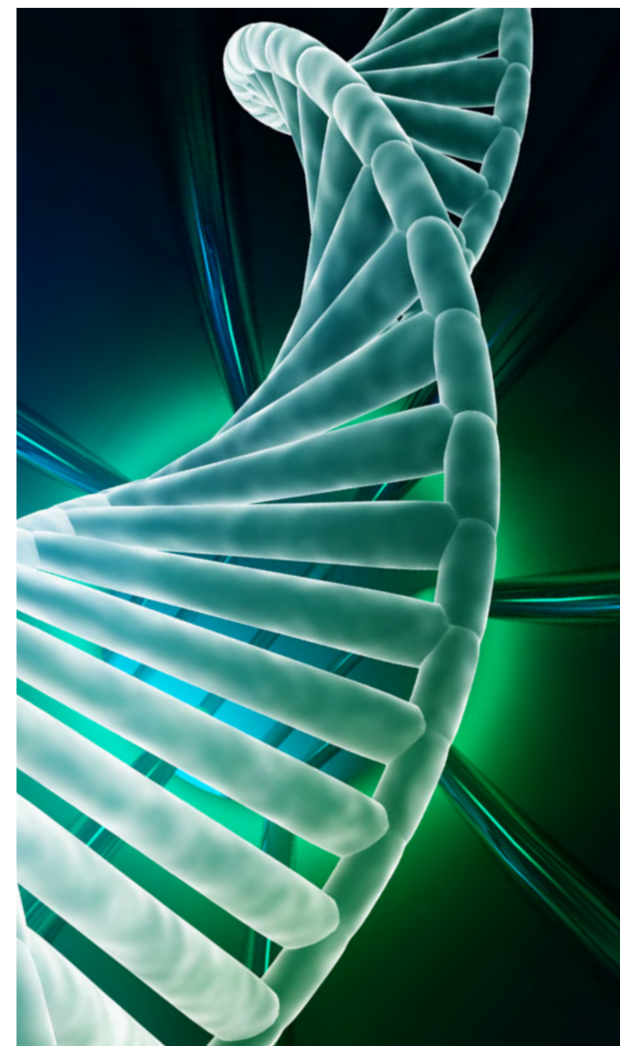
Accommodation

Accommodation for delegates will be arranged in the University guest house/Hotels at Chidambaram on request basis by advance payment.

Contact details:

E-mail: bifuchemi19@gmail.com

Phone: +91 9443956560, +91 9442521795, +91 7010839521, +91 7010317885



INTERNATIONAL CONFERENCE ON Biomass, Fuels & Chemicals

September 12 & 13, 2019
Annamalai Nagar, India

bifuchemi19.com



INTERNATIONAL CONFERENCE ON BIOMASS, FUELS & CHEMICALS

About the University

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi college, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929).

One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2018" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 – 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 20th in India. In the Medical Category the ranking is 24th. "The Times Higher Education World University Ranking – 2019" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2019, the University is ranked in the band of 501-600 for Life Sciences and Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences subject. "The QS World University Ranking – 2019" has ranked Annamalai University in the band of 291 – 300 in Asia Ranking, 174 in the BRICS Ranking and 43 in India Ranking. "The CWTS Leiden Ranking 2018", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 20th based on the number of publications and 4th based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "The MDRA – India Today Ranking (2018)" has ranked Annamalai University 13th among the best Government Universities in India. Among the top 197 ranked institutions for Higher Education in India the "SCImago Institutional Ranking (2018)" has ranked Annamalai University as 7th in Tamil Nadu and 32nd in India.

Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

Faculty of Engineering and Technology

The Faculty of Engineering and Technology (FEAT) was established in the year 1945, as the Second Engineering College of the then composite Madras State. The FEAT celebrated its Golden Jubilee in the year 1996 and Diamond Jubilee in the year 2005. The FEAT has 11 departments of study namely Chemical Engineering, Civil, Civil & Structural, Mechanical, Manufacturing, Electrical, Electronics & Instrumentation, Electronics & Communication, Computer Science & Engineering, Information Technology and Pharmacy.

Department of Chemical Engineering

The Department of Chemical Engineering, Annamalai University is a DST-FIST sponsored Department. The Department offers B.E. (Chemical Engineering), M.E. (Chemical Engineering) M. Tech (Industrial Biotechnology), M. Tech (Food Processing Technology), M. Tech (Industrial Safety Engineering) and Ph.D. (Chemical Engineering) programs. The department has received research grants to the tune of 2.5 crores from various funding agencies like DST, DBT, UGC, Ministry of Food Processing and Ministry of Environment & Forests.

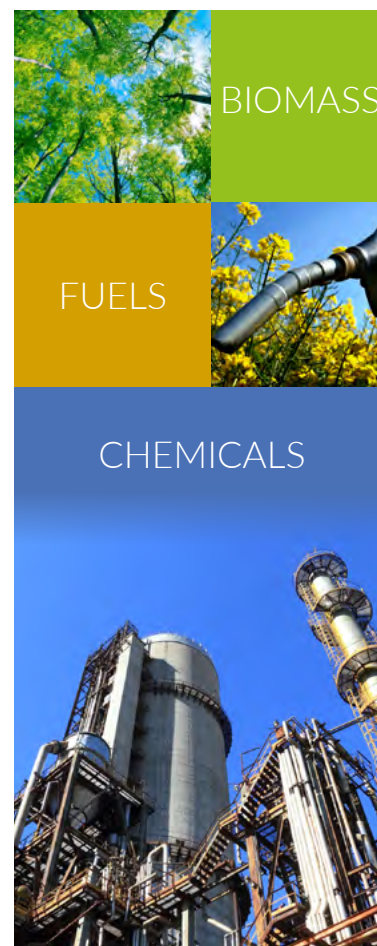
Theme of the Conference

At present, addressing the effects of climate change is a top priority among the Energy Departments of countries across the globe. Biomass, a renewable energy resource is considered to be a green and sustainable feedstock for various products and fuel synthesis applications. A biorefinery model for the synthesis of fuel and chemicals from biomass feedstocks is the current topic of research. Finding a new, more efficient way to convert biomass into products is a challenge. This International Conference aims to bring together the Academicians, Scientists and Research Scholars from National and International Universities, Research centres and Industries to exchange scientific knowledge and to have interactions in the field of Biomass chemistry for fuel and chemical production applications. This conference will also enlighten the participants with the latest innovations in biomass chemistry, biofuels and biochemicals through plenary lectures.

Call for papers

In relevance to the said major theme, this conference invites research papers of proven quality on theoretical and empirical aspects on the following sub-themes:

- Potential biomass feedstocks
- Energy crops (taxonomy, economics)
- Biomass conversion
- Pretreatment
- Engineered crops as industrial crops
- Microorganisms, enzymes and catalysis
- Biofuel (hydrogen, ethanol)
- Biochemicals
- Bio fuel- cell technology
- Biodiesel
- Fermentation technology
- Systems biology, process modeling and simulation
- Fuel storage and handling
- Biorefinery
- Bioeconomics and feasibility
- Climate change and policies
- Algal biotechnology



Scientific Committee

- Ajay Bansal, NIT Jalandhar, India
Ali Demirci, Pennsylvania State University, USA
Alissara Reungsang, Khon Kaen University, Thailand
Arvind Lali, ICT Mumbai, India
Ashok Pandey, CSIR-Indian Institute of Toxicology Research, India
Debabrata Das, IIT Kharagpur, India
G D Yadav, ICT, Mumbai, India
Georgia Antonopoulou, University of Patras, Greece
Gerasimos Lyberatos, National Technical University of Athens, Athens
Hariklia N Gavala, Technical University of Denmark, Denmark
Ioanna Ntaikou, Institute of Chemical Engineering Sciences (ICE-HT), Greece
Justin Sluiter, National Renewable Energy Laboratory (NREL), USA
Marc Deshusses, Duke University, USA
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Pannirselvam P V, UFRN, Brazil
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Sung-Koo Kim, Pukyong National University, South Korea
Thanabalan Murugesan, Petronas, Malaysia
Tianwei Tan, Beijing University of Chemical Technology, Beijing, China
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Wilfried Schwab, TUM School of Life Sciences, Germany
Yogendra Shastri, IIT Bombay, India
Yulin Deng, Georgia Institute of Technology, USA