

Indo-Japan Bilateral Symposium on Future Perspective of Bioresource Utilization in North-East India

February 1-4, 2018, IIT Guwahati, India

Programme Schedule

Day 1 - February 01, 2018

Inauguration of IJBS - 17			Conference Hall - 2
Talk	Time (Hrs)	Title	Speaker
IL-01	14.30-15.30	Inauguration & Inaugural Talk: Bioeconomy in Agri& Food Waste	Prof. K. P. Singh , Vice Chancellor, Haryana Agricultural University, Hisar, Haryana, India
	15.30-15.50	About North Eastern Regional Agricultural Marketing Corporation Limited	Pankaj Kumar Prasad , Managing Director, NERAMAC, Guwahati, India
IL-02	15.50-16.10	Glocalization of Gifu University	Prof. Fumiaki Suzuki , Vice President, Gifu University, Japan
IL-03	16.10-16.30	Sustainable Renewable Energy Production in Agricultural Fields	Prof. Daisuke Shibata , Chief Scientist, Kazusa DNA Research Institute & Kyoto University, Japan
16.30-16.50		High Tea	
Session I: Frontiers in Bio-processing Research and Product Development			Conference Hall - 2
IL-04	16.50-17.10	International Joint Programs in Food Science and Technology: A Case study between Indian Institute of Technology Guwahati and Gifu University	Prof. Akio Ebihara , Gifu University, Japan
IL-05	17.10-17.30	Technological Processing of Agro-industrial Biomass for Value Added Products	Dr. Sudesh Kumar Yadav , Scientist-F, Centre of Innovative and Applied Bioprocessing, Mohali, India
IL-06	17.30-17.50	Regeneration Technique of Biomass for Energy Utilization	Dr. Nobusuke Kobayashi , Associate Professor, Gifu University, Japan
IL-07	17.50-18.10	Extraction of Natural Colours for Food and Allied Applications	Dr. K S M S Raghavarao , Chief Scientist, Central Food Technological Research Institute, Mysuru, India
IL-08	18.10-18.30	Bio-Based and Biodegradable Plastics for Stringent Food Packaging Applications	Dr. Vimal Katiyar , Indian Institute of Technology Guwahati, Assam, India
18.30-19.30		Cultural Program	
19:30-21.30		Dinner	

Day 2 - February 02, 2018 (Forenoon Session)

Session II: Food Processing Technologists and Investors Meet			Conference Hall-2
Talk	Time (Hrs)	Title	Speaker
NERAMAC Inaugural Session and Inaugural Talks			
		Welcome Address & Felicitation	S. Bhattacharjee , Executive Director, NERAMAC
		Theme of the Session	Pankaj Kumar Prashad , Managing Director, NERAMAC
IL-09	09.00-10.00	Address by the Guest of Honour: Banana Production Systems, New Threats and Alternate Dimensions for Doubling the Farmers' income in NE India	Dr. S. Uma , Director, ICAR-National Research Centre for Banana, Tiruchirapalli, India
		Technologies for Processing in North Eastern Region	Dr. C. Anandharamkrishnan , Director, MoFPI-Indian Institute of Food Processing Technology
		Address by the Chief Guest	Prof. Pinakeshwar Mahanta , IIT Guwahati, Assam, India.
		Vote of Thanks	Dr. Vimal Katiyar , IIT Guwahati, Assam, India
Technical Session I			
IL-10	10.00-10.30	Present Status of Bioresources Management Activities of Japan toward Trust Building Partnerships for International Research Cooperation in Compliance with CBD, ITPGRFA & Related International Instruments	Prof. Makoto Kawase , University of Tsukuba, Japan Prof. Toshiki Osada (Emiratus Professor RIHN) Research Institute for Humanity and Nature, Japan
IL-11	10.30-10.50	Perspective of Bioresource Utilization for Sustainability of Tea	Dr. A. K. Barooah , Director, Tocklai Tea Research Institute, Assam, India
	10.50-11.10	Potential for North East highlighting Organic Products	S. Bhattacharjee , Executive Director, NERAMAC
11.10-11.30		High Tea	
IL-12	11.30-11.50	Bioresource Utilisation in the Development of Functional Foods	Prof. Charu Lata Mahanta , Tezpur University, Tezpur, Assam, India
IL-13	11.50-12.10	Genetic Enhancement of Bao Rice of Assam	Prof. G J N Rao and Prof. Lingaraj Sahoo , Indian Institute of Technology Guwahati, Assam, India
	12.10-12.30	Market Opportunities on RTE foods in North East	Amrit Deorah , Aasray Concept Foods, Guwahati
	12.30-12.50	Cold Chain Facilities in North East for better marketing	Ravi Gulgulia , Managing Partner, Global Entrade Sandeep Arora , Vice President, Global Entrade
	12.50-13.10	Export Possibilities on Agro Food from North Eastern Region	Sunita Rai , Regional Manager, APEDA
	13.10-13.40	PANEL DISCUSSION	NERAMAC/APEDA/IIFPT/Tezpur University/IIT/Gifu University
13.40-14.30		Lunch	

Day 2 - February 02, 2018 (Afternoon – Parallel Sessions)

Session III: Bio-resource Utilization: Principles and Practice (Parallel Session 1)		Conference Hall-2
14.30-14.50	Game Fish Fauna of Arunachal Pradesh- A Future Perspective of Bioresource utilization	Dr. S. D. Gurumayum , APRC, Zoological Survey of India, Arunachal Pradesh, India
14.50-15.10	Comprehensive Utilization of Banana Pseudostem for Extraction of Fibre for Textile Application and Liquid Sap for Textile Value-addition	Dr. Kartik K. Samantha , ICAR-National Institute of Research on Jute and Allied Fibre Technology, Kolkata, India
15.10-15.30	Optimal Enhancement and Retention of Phytochemical Quality in Value added Whey-Lime Beverage From Dairy Waste Using High Pressure Processing	Dr. Vasudha Bansal , Food Engineering and Nutrition Department, CIAB, Punjab, India
15.30-15.50	Ultrasound Assisted Microwave Treatment Effect on Phytochemicals, Microorganisms and Enzyme of Khoonphal (<i>Haematocarpus validus</i>) Juice: A Wild Edible Fruits from Meghalaya, North East India	Dr. R. Sasikumar , Department of Agribusiness Management & Food Technology, North-Eastern Hill University, Tura, Meghalaya, India
15.50-16.20	High Tea	
16.20-18.00	Oral Presentations by IJBS'17 Delegates	
18.00-19.10	Poster Presentations by IJBS'17 Delegates	
19.30-21.30	Dinner	

Day 2 - February 02, 2018 (Afternoon – Parallel Sessions)**Session IV: Assam-Japan Industry - Academia Bilateral Cooperation Meet on Bio-resources (Parallel Session 2)-FINER**

16.00-16.15	Welcome address	Pabitra Buragohain , President, FINER, Guwahati, Assam, India
16.15-16.25	IIT Guwahati and Gifu University Cooperation for Enhancing Academia-Industry linkage in Northeast India for translational bioresource and food Technology	Prof. Lingaraj Sahoo , Indian Institute of Technology Guwahati, Assam, India
16.25-16.35	Glocalization of Japanese Universities: Gifu University as Case Study	Prof. Fumiaki Suzuki , Vice President, Gifu University, Japan
16.35-16.50	Address the Gathering	Vinod Seshan , CEO, Guwahati Biotech Park, Guwahati, India
16.50-17.05	Chief Guest's Address	Shri Keshab Mahanta , Minister for Information & Technology, Science & Technology, and Water Resources in the Government of Assam., India.
17.05-17.20	Mitsubishi-Chemical Foods Corporation – A Reliable Food Additive Provider	Hideyuki Hara , Research Associate, Mitsubishi-Chemical Foods Corporation, Japan
17.20-17.40	India Beckons: A Journey of Oriental Yeast Company, Japan, entry strategy into India	Srinivas S. Garapati , CEO, Oriental Yeast India Pvt. Ltd., Navi Mumbai, India
17.40-18.00	High Tea	
18.00-18.15	Biobased and Biodegradable Plastics based Food Packaging	Dr. Vimal Katiyar , Indian Institute of Technology Guwahati, Assam, India
18.15-18.30	Regeneration Technique of Biomass for Energy Utilization	Dr. Nobusuke Kobayashi , Associate Professor, Gifu University, Japan
18.30-18.45	Sustainable Renewable Energy Production in Agricultural Fields	Prof. Daisuke Shibata , Chief Scientist, Kazusa DNA Research Institute & Kyoto University, Japan
18.45-19.00	Banana Production Systems, New Threats and Alternate Dimensions for Doubling the Farmers' Income in NE India	Dr. S. Uma , Director, ICAR National Research Centre for Banana, Tiruchirapalli, India
19.00-19.15	Talk about IBIDEN Activities	R. S. Mani , Director, I Biden India
19.15-19.30	Comprehensive Utilization of Banana Pseudostem for Extraction of Fibre for Textile Application and Liquid Sap for Textile Value-addition	Dr. Kartik K. Samantha , ICAR-National Institute of Research on Jute and Allied Fibre Technology, Kolkata, India
19.30-19.45	Ultrasound Assisted Microwave Treatment Effect on Phytochemicals, Microorganisms and Enzyme of Khoonphal (Haematocarpus validus) Juice: A Wild Edible Fruits from Meghalaya, North East India	Dr. R. Sasikumar , Department of Agribusiness Management & Food Technology, North-Eastern Hill University, Tura, Meghalaya, India
19.45-20.15	Open Session for One to One Meeting with FINER, Assam, India	
20.15-20.20	Vote of Thanks	Chinmoy Sharma , Chair S&T Committee, FINER, Guwahati, Assam, India
20.20-22.00	Networking Dinner	

Day 3 – February 03, 2018 (Forenoon Session)

Session V: Translational Bio-resource Science			Conference Hall-2
Talk	Time (Hrs)	Title	Speaker
IL-14	09.00-09.20	STOP1 System for Translational Plant Research; A HUB Protein Regulating Pleiotropic Traits of Stress Tolerance of Plant	Prof. Hiroyuki Koyama , Gifu University, Japan
IL-15	09.20-09.40	In Vitro Anther Culture and Haploid Plant Production in Camellia Species to Generate Homozygous Plants with the Possibilities of Accumulation of Bioactive Metabolites	Prof. Rakhi Chaturvedi , Indian Institute of Technology Guwahati, Guwahati, India
IL-16	09.40-10.00	Isolation and Molecular Breeding of the Budding Yeast to Develop New Brand of Japanese Sake	Prof. Tomoyuki Nakagawa , Gifu University, Japan
IL-17	10.00-10.20	Metabolomics Approaches to Analyse Food Ingredients	Prof. Daisuke Shibata , Chief Scientist, Kazusa DNA Research Institute & Kyoto University, Japan
IL-18	10.20-10.40	Studies on Co-Gasification of Coal with Biomass Blends	Prof. Pinakeshwar Mahanta , Indian Institute of Technology Guwahati, Assam, India.
10.40-11.00		High Tea	
Session VI: Translational Bio-resource Technologies			Conference Hall-2
IL-19	11.00-11.30	Opportunities for Societal and Industrial Development Using Himalayan Bioresources	Dr. Sanjay Kumar , Director, Institute of Himalayan Bioresource Technology, Himachal Pradesh, India.
IL-20	11.30-11.50	Novel Non-Thermal Technologies for Food Products Manufacturing & Shelf Life Extension	Prof. H. N. Mishra , Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, India.
IL-21	11.50-12.10	YAK - A Precious Bioresource of North East Region	Dr. P. Chakravarthy , Principal Scientist, CSIR National Research Centre on YAK, Dirang, Arunachal Pradesh, India
IL-22	12.10-12.30	Greener Approach for Leather Processing	Dr. N.R. Kamini , Principal Scientist, Central Leather Research Institute, Chennai, India
IL-23	12.30-12.50	Valourization of Wild Castor Seed for Synthesis of Green Products and Chemicals	Prof. S. N. Naik , Indian Institute of Technology Delhi, India
IL-24	12.50-13.10	Bioresources: Packaging and Safety Aspects for Environmental Friendliness	Dr. V.P. Sharma , Sr.Principal Scientist, Indian Institute of Toxicology Research, Lucknow, India
IL-25	13.10-13.30	Intensified Production of Biofuels from Sustainable Raw Materials using Ultrasonic Reactors	Dr. Parag R Gogate , Associate Professor, Institute of Chemical Technology, Mumbai, India
IL-26	13.30-14.00	Development of Minor Grain Legumes for Sustainable Production and Functional Food: Bridging Science and Social Need	Prof. Lingaraj Sahoo , Indian Institute of Technology Guwahati, Assam, India
14.00-15.00		Lunch	

Day 3 - February 03, 2018 (Afternoon – Parallel Sessions)

Session VII: Pathways to Catalyze Bio-resource Utilization (Parallel Session 1)		Conference Hall-2
14.30-14.50	Value Addition of Yak Fibre	Dr. Joken Bam , ICAR-National Research Centre on Yak, Arunachal Pradesh, India
14.50-15.10	Bamboo Grass and Straw Bale in Affordable Eco Housing: A Bioresource Utilization	Dr. Sabapthy Arunachalam , Thiruvalluvar College of Engineering and Technology, Tamilnadu, India
15.10-15.30	Functionalization of Chitosan: A Potential Amphiphilic Nanofiller for Improved Oxygen Barrier Properties of Poly (Lactic Acid) Films	Dr. Akhilesh K. Paul , Indian Institute of Technology Guwahati, Assam, India
15.30-15.50	SMART Society for Marketing Agricultural and Related Trade	Dr. Uma Raghunathan , Chief Technical Officer, ICAR, Krishi Bhawan, New Delhi, India
15.50-16.10	Valorisation of Pumpkin Processing Wastes to Develop Biodegradable Packaging Film	Dr. Laxmikant S. Badwaik , Associate professor Tezpur University
16.10-16.30	High Tea	
16.30-17.30	Oral Presentations by IJBS'17 Delegates	
18.00-19.10	Poster Presentations by IJBS'17 Delegates	
19.30-21.30	Dinner	

Session VIII: Advantage Assam-Japan Joint Session (Parallel Session 2)	
15.30-17.00	Joint Session & Interactions
17.00-17.30	High Tea
17.30-20.00	Joint Session & Interactions
20.00-21.30	Dinner

Day 4 - February 04, 2018 (Forenoon Session)

Session IX: Challenges and Opportunities for Bio-resource Utilization in North-East India			Conference Hall-2
Talk	Time (Hrs)	Title	Speaker
IL-27	09.00-09.20	Analysis of Isoflavones and Coumestrol in Soybean Sprouts	Dr. Emiko Yanase , Gifu University, Japan
IL-28	09.20-09.40	Monitoring Milk Coagulation Process by Ultrasonic Method	Prof. Takahisa Nishizu , Gifu University, Japan
IL-29	09.40-10.00	Ohmic heating: Solution to quick heating and extraction for food and waste applications	Dr. Brijesh Srivastava , Tezpur University, Assam, India
IL-30	10.00-10.20	Epidemiology, 'Bio-Type Profile' of Mycobacterium Avium ssp. Paratuberculosis Infection in Domestic and Wild Ruminants, other Animals, Environment, Commercial Milk and Milk Products (Raw and Pasteurized) and Human Population and Control Strategies	Prof. Shoorvir Singh , Principal Scientist, Central Institute for Research on Goats, Makhdum, Uttar Pradesh, India
IL-31	10.20-10.40	Microalgal based Biorefinery Coupled with Enhanced CO₂ Sequestration	Prof. Kaustubha Mohanty , IIT Guwahati, Assam, India
10.40-11.00		High Tea	
11.00-12.00		White Paper Resolution to Foster Translational Research and Development of Bio-resources in North-east India Session Chair: Prof. Gautam Biswas, Director, IIT Guwahati	
IL-32	12.00-12.20	Climate Change Impacts on Agriculture and Bioresources - Issues and Options with Special Reference to North Eastern Hill Region	D. J. Rajkhowa , Joint Director, ICAR Research Complex for North Eastern Hill Region, Nagaland Centre, Nagaland, India
IL-33	12.20-12.40	Smart Packaging Systems	Dr. Rajeshwar S Matche , Sr. Principal Scientist, Central Food Technological Research Institute, Mysuru, India
IL-34	12.40-13.00	Chemical Interventions for Value Addition and Sustainable Utilisation of Biomass	Dr. Vineet Kumar , Scientist-F, Forest Research Institute, Dehradun, India
IL-35	13.00-13.20	Bioresources Management for its Sustainable Utilization	Dr. Biseshwori Thongam , Scientist-D, Institute of Bioresources & Sustainable Development, Manipur, India
13.20-14.30		Lunch	
IL-36	14.30-14.50	In Search of Microalgal Strain From North East India for Sustainable Industrial Application	Dr. Tridib Kumar Bhowmick , National Institute of Technology, Agartala, Tripura, India
IL-37	14.50-15.10	Cellulose: From Weed to Wealth	Dr. Ranjan Dutta Kalita , University of Science and Technology, Meghalaya, India
IL-38	15.10-15.30	Natural resources of the Sikkim Himalaya with special reference to medicinal plants	Dr. Dhani Raj Chhetri , Department of Botany, Sikkim University, Sikkim, India
IL-39	15.30-15.50	Low Cost Ceramic Membrane Based Clarification of Lagenaria Siceraria Juice	Prof. Ramagopal Uppaluri , IIT Guwahati, India
15.50-16.10		High Tea	
16.10-17.00		Award Distribution and Valedictory Session	

IJBS'17

Oral Presentation Schedule: Feb 02, 2018(16.00 PM-19.00 PM)

(Presentation is 8 min+2 min Q&A)

S.No	Time	Regd.No	Theme	Name	Institute	Abstract Title
1.	16:20-16:30	IJBS-17-0551	BRBF-O1	Ranjeet Kumar Mishra	IIT Guwahati	Kinetic analysis and thermocatalytic pyrolysis of <i>Madhuca longifolia</i> seeds towards production of fuel and chemicals
2.	16:30-16:40	IJBS-17-0552	BRBF-O1	Saranya Gunasekaran	Indian Institute of Science	Biodiesel from Indigenous Diatoms of West Coast of India
3.	16:40-16:50	IJBS-17-0559	AWPR-O2	Akib Ali	North-Eastern Hill University	Comparative Assessment of Seed Morphology, Total Phenolic, Flavonoids and Antioxidants Activity in Buckwheats Extracts (<i>F. esculentum moench</i> and <i>F. tataricum Gaerrtn</i>)
4.	16:50-17:00	IJBS-17-0560	VAPB-O2	Amita Shakya	National Institute of Food Technology Entrepreneur	Biochar: A low cost, value added product from residual biomass for remediation of Cr (VI) from water
5.	17:00-17:10	IJBS-17-0562	VAPB-O3	Bethsheba Basaiawmoi	North-Eastern Hill University	Preparation of Probiotic Tungrymbai (a fermented soya food) using selected <i>Lactobacillus</i> strain
6.	17:10-17:20	IJBS-17-0566	BRBF-O3	Debarshi Mallick	IIT Guwahati	Experimental studies on coal/biomass blends in Circulating Fluidized Bed Gasifier
7.	17:20-17:30	IJBS-17-0569	VAPB-O6	Siddhartha Singha/Regina	IIT Guwahati	A microfiltration based clarification process for Moringa leaf juice
8.	17:30-17:40	IJBS-17-0573	AWPR-O4	Amit Baran Das	Tezpur University	Microencapsulation of anthocyanin from purple rice bran using modified starch
9.	17:40-17:50	IJBS-17-0576	VAPB-O8	Ishani Chakrabartty	IIT Guwahati	<i>Alpinia nigra</i> : The unexplored ore of Zingiberaceae for future therapeutics
10.	17:50-18:00	IJBS-17-0577	VAPB-O9	Deepika Arora	IIT Guwahati	Bioactive silk composite assisted 3D tumoroids for pre-clinical anticancer drug evaluation
11.	18:00-18:10	IJBS-17-0561	BRCP-O2	Deepak Mehta	Center of Innovative and Applied Bioprocessing (CIAB)	Utilization of tomato processing byproducts for the development of functional food products
12.	18:10-18:20	IJBS-17-0565	BRBF-O2	Anjireddy Bhavanam	IIT Guwahati	Catalytic co-pyrolysis characteristics of bamboo sawdust and linear low density polyethylene as a potential feedstock for producing bio-fuels.
13.	18:20-18:30	IJBS-17-0568	BRBF-O4	Rajat Kamal Kakati/Bhaskar	Girijananda Chowdhury Institute of Management and	Performance and Emission Characteristics of an Emulsified Mahua Biodiesel Run Diesel Engine
14.	18:30-18:40	IJBS-17-0572	AWPR-O3	Jyoti Giri	Tribhuvan University	Agricultural Waste as a Bioresource to Design Novel Biomolecule, Cellulose and Application of it to Fabricate Biodegradable Copolyester Composites
15.	18:40-18:50	IJBS-17-0584	AWPR-O3	Monika	IIT Guwahati	Non-Isothermal Degradation Kinetics of Polylactic Acid (PLA)/ Different Acid Derived Cellulose Nanocrystals (CNCs) Based Nanobiocomposites
16.	18:50-19:00	IJBS-17-0585	AWPR-O3	Gourhari Chakraborty	IIT Guwahati	Development of Thin Bio Based Polymeric Film Sensors for Detection of Sucrose

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Oral Presentation Schedule: Feb 03, 2018(16.00 PM-19.00 PM)

(Presentation is 8 min+2 min Q&A)

	Time	Regd.No	Theme	Name	Institute	Abstract Title
1.	16:30-16:40	IJBS-17-0578	BRWB-O1	Lopa Pattanaik	IIT Delhi	A bio-refinery approach for utilizing Indigofera tinctoria plant biomass
2.	16:40-16:50	IJBS-17-0580	AWPR-O5	Tanushree paul	IIT Guwahati	Optimization of media and process conditions for high biomass production of Rhodococcus opacus from refinery wastewater for potential bio-oil production
3.	16:50-17:00	IJBS-17-0586	AWPR-O5	Akhtar Hussain Malik	IIT Guwahati	Development of Latent Fingerprints on Multiple Substrate by Aggregation Induced Enhanced Emission Active Conjugated Polyelectrolyte
4.	17:00-17:10	IJBS-17-0589	VAPB-P26	Venkateswara Rao Naira	IIT Guwahati	A novel and scalable process design for indigenous microalgae cultivation: Achieving high biomass and biodiesel productivities under diurnal light
5.	17:10-17:20	IJBS-17-0583	VAPB-P26	Sumona Das	Jadavpur University	Bio-capture of CO ₂ using Blue Green Algae - Growth Kinetics and Characterization of High-Value Biochemicals
6.	17:20-17:30	IJBS-17-0554	EMNR-O1	Queen Saikia	Gauhati University	Phlogacanthus thyriflorus leaf alleviates iron-induced oxidative stress and hepatic injury in mice
7.	17:30-17:40	IJBS-17-0557	EMNR-O3	PHAM Thi Ngoc Diep	KIT JAPAN	Effects of A Liquid-Type Nucleation Agent on Crystallization of Poly (L-Lactic Acid) as Revealed by Time-Resolved Small- and Wide-Angle X-ray Scattering
8.	17:40-17:50	IJBS-17-0570	EMNR-O3	Vandit Vijay	IIT Delhi	Utilization of Biomass Resources for Energy Security in Rural India
9.	17:50-18:00	IJBS-17-0574	EMNR-O3	Vandit Vijay	Tezpur University	Pigmented Rice as Functional Food for Management of Cholesterol
10.	18:00-18:10	IJBS-17-0575	VAPB-O7	Anjali thakur/Pooja Pandey	IIT Kharagpur	Formulation of an energy drink powder premix using linear programming
11.	18:10-18:20	IJBS-17-0579	VAPB-O7	Bhushan Dole	IIT Delhi	Subcritical Water Extraction of Value Added Components from Castor Seed to Synthesize Biofuels
12.	18:20-18:30	IJBS-17-0581	VAPB-O7	Kenta Nakanishi	Gifu University	Study on the Enhancement of Functional Components in Broccoli Sprout
13.	18:30-18:40	IJBS-17-0588	VAPB-P26	Chitta Ranjan Barik	IIT Guwahati	Functional Food Perspectives of Leaf Extracts of Sea Buckthorn (Hippophae salicifolia D. Don) from North-East India
14.	18:40-18:50	IJBS-17-0587	VAPB-P26	Arbind Prasad	IIT Guwahati	Value Added Bioactive Biomaterials from Biowaste: The North East Perspective
15.	18:50-19:00	IJBS-17-0590	VAPB-P26	Kiran Kumar	IIT Guwahati	North-Eastern Based Giant Taro Flour in Polycaprolactone/Starch Composite

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Poster Presentation Schedule: Feb 02, 2018, 18:00-19:00

Agricultural/Waste Processing and Recycling (AWPR)	P505, P518, P519, P549, P550, P551, P563, P565, P580
Value-added Products from Biomass/ Bio-resource and Waste (VAPB)	P501, P502, P503, P504, P506, P507, P512, P512, P513, P517, P520, P525, P527, P528, P530, P531, P534, P539, P541, P543, P544, P545, P554, P555, P561, P562, P564, P568, P569, P570, P571, P572, P573, P574, P575, P576,

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Poster Presentation Schedule: Feb 03, 2018, 18:00-19:00

Bio-resources, Recovery and Recycling (BRRR)	P511, P536, P537, P567, P578, P579
Bio-resources for Biofuels (BRBF)	P509, P521, P524, P533, P546, P548, P552, P557, P559, P560
Bio-resources for Bio based Chemicals and Products (BRCP)	P516, P556, P558
Pretreatment of Bio-resources (PBR)	P510, P515, P523, P532, P535, P538, P540, P542, P553
Efficient Management of Natural Resources (EMNR)	P508, P514, P581, P595, P586, P582
Food Packaging	P547
Food/Organic Waste Recycling (FOWR)	P526, P529, P566
Recovery of Sustainable Energy from Bio-resources (SEBR)	P522