

International Congress "Biomass: Fuel & Power - 2017"

Program (Preliminary)

Day 1, Wednesday April 19, 2017

8:30 Start of registration and welcome coffee

9:30 - 11:00 SESSION: Legislation, Public Policy and Market Infrastructure of Transportation & Solid Biofuels

Biofuel as a tool for regional development. Government initiatives on biofuels market development. The possibility of ethanol production without the excise tax.

Alex ABLAEV, Ph.D., President, Russian Biofuels Association

April theses.

Eduard AKIM, Doctor of Technical Sciences, Professor, Honorary Member of the UN FAO Advisory Committee on Forest Sector Sustainability. Head of the Department, Higher School of Technology and Energy of St. Petersburg State University of Industrial Technologies and Design

Global trends in the production and use of biomass for thermal and electrical energy.

Roman KULIKOV, Head of Biotechnology in Agriculture and Industry, Cluster of Biomedical Technologies, Skolkovo Foundation

Biotechnology support in Russia: successful and unsuccessful examples.

Batraz KHIDIROV, Head of the Department for State Regulation of Production and Turnover of Alcohol and Alcohol-containing products, Republic of North Ossetia-Alania

On Amending the Federal Law "On State Regulation of Production and Turnover of Ethyl Alcohol ..."

Elena IHSANOVA, Managing Director, Agency for Technological Development

Role and activities of the Agency for Technological Development. Tools for technological modernization.

Nina NECHIPORCHUK, Deputy Head of the Department of Indirect Taxes, Tax and Customs Tariff Policy Department, Ministry of Finance of the Russian Federation

Alcohol-containing fuels and methods of calculating excise taxes.

11:00 - 11:30 Coffee break

11:30 - 13:30 SESSION: Projects and case-studies: news, startup problems, feasibility studies

Alexei DEDOV, Academician of the Russian Academy of Sciences, Professor, Head of the Department of General and Inorganic Chemistry of the Russian State University of Oil and Gas named after I.M. Gubkin

Catalytic materials and technologies for the processing of renewable feedstock: problems and prospects.

Igor GURARI, Director, Alliance Bioenergy +

Plant for the production of second generation bioethanol from lignocellulosic feedstock using CTS technology from Alliance Bioenergy +.

Alexander GUSAKOV, Professor, Doctor of Chemical Sciences, Department of Chemical Enzymology, Faculty of Chemistry, Moscow State University

Current state and prospects of production of second generation bioethanol abroad.

Ekaterina GRIGORYEVA, All-Russia Research Institute of Oil Refining (VNII NP)

Results of tests of high-octane bioethanol fuel E30 on automotive engineering.

13:30 - 14:30 Lunch

14:30 - 16:00 SESSION: Monetization of lignin, sugars and fibers from biomass - how to do it?

In order to promote biomass-based product manufacturers need to understand the needs and requirements of its customers.

Victor EROKHOV, Honored Scientist of Russia, Doctor of Technical Sciences, Moscow Polytechnic University

Efficiency of biofuel use as energy carriers of land vehicles.

Ekaterina LOKTEVA, Doctor of Technical Sciences, Leading researcher, Faculty of Chemistry, Moscow State University

"Green" chemistry and sustainable development of the petrochemical and oil refining industry.

Paolo CORVO, Director of Cleantech, Clariant

Sunliquid® bioethanol. Production of cellulosic ethanol from agricultural waste.

Vladimir SIDNEV, Ph.D., Senior Researcher, Laboratory "Heterogeneous Catalysts and Catalytic Processes", Scientific Research Institute "Yarsyntez"

Highly effective synthesis of butadiene from ethanol.

Vladimir TREMBOVOLSKY, General Director, ETB KaT company

Progress in the commercialization of a one-stage technology for the production of butadiene from bioethanol.

16: 00-16: 30 Coffee Break

16:30 - 18:00 SESSION: Manufacture of potable, technical and fuel ethanol.

Ethanol production technology. Differences in the production of potable and fuel ethanol. Denaturation. Construction and modernization of distilleries.

Torsten SCHULZE, Ph.D., Managing Director, Vogelbusch, Austria

Comparison of the concepts of bio-factories for the production of first-generation bioethanol, assessment of the impact of different concepts on the amount of investment and volume of sales. The influence of the choice of concept on energy costs and compliance with environmental standards.

Dmitry ARSENIEV, Director, Nikita DUDKIN, Project Manager, NPK Ecologia

Plant for the production of chemicals from renewable feedstock: concept, budget, construction.

Maria NACHETOVA, Ph.D., Sales and Technical Consultant, Lallemand Biofuels & Distilled Spirits

Bioethanol: key aspects of effective production.

Vladimir SMIRNOV, Ph.D., Head of Laboratory, Research Institute "Yarsyntez"

Production of ETBE on the basis of distilleries. Possibilities and limitations.

Daniel THORRES, Sales Manager, DuPont Industrial Biosciences

Enzymology: enzymes for innovative distilleries.

18:00 Cocktail Reception

Day 2, Thursday, April 20, 2017

8:30 Welcome coffee

9:30 - 11:00 SESSION: Conversion of biomass: thermochemical, biochemical, hybrid. Bio-oil and biokerosene. Biodiesel.

Refining process technology: the technical and economic issues, process's integration.

Andrey GRACHEV, Doctor of Technical Sciences, General Director of ELP Group
Mobile unit for thermochemical conversion of biomass and other organic waste to liquid fuel and fine coal.

Valery SUKHANOV, Doctor of Technical Sciences, Corresponding Member. RANS, General Director, Head Science Center of the Forestry Complex for Technology and Energy

Energy on wood fuel is a powerful factor in the development of the timber industry complex.

Sergey GRECHKIN, Head of the Expert Department, KOMPEKS LLC
Systems for rapid high-temperature pyrolysis COMPEX HTP.

Alexander GUSAROV, General Director, Rotvanik CIS (GazEcos.ru)
Variants of financing the construction of bio power plants in crisis conditions.

11:00-11:30 Coffee Break

11:30 - 13:00 9:30 - 11:00 SESSION: Biomass for electricity generation and production of heat. Pellets, briquettes and wood chips. Use of existing coal-fired boilers for biomass combustion.

Yuri MANDRE, Ph.D., Academician of RIA, Higher School of Technology and Energy of St. Petersburg State University of Industrial Technologies and Design

The place of biofuel in the energy balance of modern enterprises of the timber industry complex.

Dmitry MYAKONKOV, Project Sales Manager, Roksor Industry
Packing of pellets, pellets. Automatic packers Vebe (Sweden).

Olga RAKITOVA, Ph.D., Executive Director, National Bioenergy Union (NBS)
Market of pellets and briquettes. How to organize an effective supply of biofuels. Experience in the development of bioenergy in different regions of Russia.

Alexander PEKARETS, Director, LLC "Forest Technology Company"
Technology of production of charcoal briquette from woodworking waste.

**Sergey PEREDERIY, Co-Founder and Director, Eko Holz-Pellethandel
(Germany)**

The use of mini TPPs using biomass gasification and ORC modules (the Organic Rankine Cycle) in the RF regions with decentralized energy.

13:30 - 14:30 Tasting "Spirits of the World" from Lallemand Company (Lallemand Biofuels & Distilled Spirits)

Join us to immerse yourself in the wonderful world of the subtleties and nuances of the taste of spirits from all over the world.

14:30 - 15:30 Lunch

17:00 End of the Congress

April 21, 2017, Friday

9:00 - 18:00 Technical workshop "SpirtExpert" on ethanol production technology and plant operation

Venue: GosNIIgenetika", 1st Dorozhny proezd, 1, metro "Yuzhhnaya". Participation is required separate registration.

Technical workshop "SpirtExpert" is held for ethanol plant personnel who are responsible for the production process and quality of the products. Participation is recommended for:

- Technical Director
- Chief Engineer
- Chief Technologist
- Technologist alcohol production
- Head of the laboratory
- QA staff