WELCOME

Dear colleagues!

We are very glad to see you in Saint Petersburg at the conference RR 2017!

The year of 2017 is a year of ecology in Russia. The topics of the RR 2017 are connected very much with ecological problems. The conference is focused on chemical processing of wood (biorefining), organic synthesis based on renewable resources, preparation of biologically active substances from plant raw materials, and other actual topics.

In 2016, Saint Petersburg got a prestigious World Travel Awards: the most beautiful city in Europe! We hope that, apart from scientific program of RR 2017, you will enjoy a lot of places of interests in Saint Petersburg!

Have a good time at the RR 2017!
Aleksander Vasilyev and Andrey Pranovich,
Co-chairmen of RR 2017

ORGANIZED BY

SPONSORED BY

The local organizers gratefully acknowledge the financial and in kind support of the sponsors listed on this page.
LOCAL ORGANIZING COMMITTEE

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Adjunct Professor, Åbo Akademi University
(Turku/Åbo, Finland)

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Saint Petersburg State Forest Technical University
(Saint Petersburg, Russia)

Ponomarev Dmitry
Professor, Saint Petersburg State Forest Technical University
(Saint Petersburg, Russia)

Kalugina Aleksandra
Saint Petersburg State Forest Technical University
(Saint Petersburg, Russia)

PROGRAMME COMMITTEE

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Professor, Saint Petersburg State University of Industrial
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of Organic Chemistry of Russian Academy of Science
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Lignin Development Leader, Renmatix Company
(USA)

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Corresponding Member of the RAS, N.D. Zelinsky Institute of Organic Chemistry of Russian Academy of Science  
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Radbil Arkadiy  Professor, Managing Director Markets. Products. Innovation, Biochemical Holding «ORGKHIM» (Nizhny Novgorod, Russia)

Rogovina Svetlana  Professor, N.N. Semenov Institute of Chemical Physics (Moscow, Russia)

Rosenau Thomas  Professor, University of Natural Resources and Life Sciences (Vienna, Austria)

Rusanov Anatoly  Full Member of the Russian Academy of Science, Saint Petersburg State University (Saint Petersburg, Russia)

Vaccaro Luigi  Professor, University of Perugia (Perugia, Italy)

Willför Stefan  Professor, Åbo Akademi University (Turku/Åbo, Finland)

Zefirov Nikolai  Full Member of the Russian Academy of Science, Moscow State University (Moscow, Russia)
# Conference Schedule (Enlarged)

## Monday
**September 18, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:30 – 09:30</td>
<td>Registration of participants</td>
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<tr>
<td>09:30 – 10:00</td>
<td>Opening Ceremony</td>
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<tr>
<td>10:00 – 11:20</td>
<td>2 Plenary Lectures (40 min = 35 + 5)</td>
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<tr>
<td>11:20 – 11:40</td>
<td>Coffee break + Exhibition Visiting</td>
</tr>
<tr>
<td>11:40 – 13:40</td>
<td>3 Plenary Lectures (40 min = 35 + 5)</td>
</tr>
<tr>
<td>13:40 – 15:00</td>
<td>Lunch (optional)</td>
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<tr>
<td>13:45 – 14:00</td>
<td>Group photo</td>
</tr>
<tr>
<td>15:00 – 16:50</td>
<td>1 Key Lectures (30 min = 25 + 5) + 4 Oral Presentations (20 min = 15 + 5)</td>
</tr>
<tr>
<td>17:00 – 19:00</td>
<td>Round Table Discussion «Chemical and Technological Aspects of Biorefining»</td>
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<tr>
<td>19:00 – 21:00</td>
<td>Welcome Party</td>
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## Tuesday
**September 19, 2017**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:30 – 11:30</td>
<td>3 Plenary Lectures (40 min = 35 + 5)</td>
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<tr>
<td>11:30 – 11:50</td>
<td>Coffee break + Exhibition Visiting</td>
</tr>
<tr>
<td>11:50 – 13:55</td>
<td>3 Key Lectures (30 min = 25 + 5) + Oral Presentation (20 min = 15 + 5) + Sponsor Presentation (15 min)</td>
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<tr>
<td>13:55 – 15:10</td>
<td>Lunch (optional)</td>
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<tr>
<td>15:10 – 16:40</td>
<td>Round Table Discussion «Biofuels from Wood and Plant Materials, and Structured Carbon Materials»</td>
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<td>Round Table Discussion «Opportunities for Cooperation With Saint Petersburg State Forest Technical University in Sphere of Education and Scientific Research»</td>
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<td>17:20 – 17:40</td>
<td>Coffee break + Exhibition Visiting</td>
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<tr>
<td>17:45 – 19:45</td>
<td>Saint Petersburg Sightseeing Evening Tour</td>
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### Wednesday
September 20, 2017

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<th>Time</th>
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<tr>
<td>09:30 – 11:30</td>
<td>4 Key Lectures (30 min = 25 + 5)</td>
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<tr>
<td>11:30 – 11:50</td>
<td>Coffee break + Exhibition Visiting</td>
</tr>
<tr>
<td>11:50 – 13:45</td>
<td>5 Oral Presentations (20 min = 15 + 5) + Sponsor Presentation (15 min)</td>
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<tr>
<td>13:45 – 15:10</td>
<td>Lunch (optional)</td>
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<tr>
<td>15:10 – 16:30</td>
<td>4 Oral Presentations (20 min = 15 + 5)</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Poster Session + Coffee break</td>
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<tr>
<td>19:00 – 22:00</td>
<td>Banquet in the «Restaurant in the Palace of Grand Duke Vladimir»</td>
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<tr>
<td>14:30 – 18:30</td>
<td>Hermitage Museum Tour (optional)</td>
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### Thursday
September 21, 2017

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<th>Time</th>
<th>Event</th>
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<tr>
<td>09:30 – 11:30</td>
<td>4 Key Lectures (30 min = 25 + 5)</td>
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<tr>
<td>11:30 – 11:50</td>
<td>Coffee break + Exhibition Visiting</td>
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<tr>
<td>11:50 – 13:50</td>
<td>12 Oral Presentations (20 min = 15 + 5) in 2 Auditoriums A (Conference Hall) and B (Room 317)</td>
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<tr>
<td>13:50 – 15:10</td>
<td>Lunch (optional)</td>
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<tr>
<td>15:10 – 17:30</td>
<td>14 Oral Presentations (20 min = 15 + 5) in 2 Auditoriums A (Conference Hall) and B (Room 317)</td>
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<tr>
<td>17:30 – 18:00</td>
<td>Coffee break + Exhibition Visiting</td>
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<tr>
<td>18:00 – 18:30</td>
<td>Closing Ceremony</td>
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<tr>
<td>12:30 – 18:00</td>
<td>Excursion to the Oranienbaum (Menshikovskiy Palace and Park) (optional)</td>
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### Friday
September 22, 2017 (Leaving day)

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>10:00 – 13:00</td>
<td>Excursions to the Museums and Botanic Garden of Forest Technical University</td>
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</tbody>
</table>

**TOTAL**
- Plenary Lectures – 8
- Key Lectures – 12
- Oral Presentations – 40
- Plenary + Key + Oral = 60
- Posters – 102
GENERAL INFORMATION

• Conference Venue
Saint Petersburg State Forest Technical University
Address: 5, Institutskiy per., Saint Petersburg, Russia
Second building block, Third floor
Metro station: «Ploshchad’ Muzhestva»

• The Working Language of the Conference
English

• Registration and Info Desk
All delegates included the invited speakers and accompanying persons must register for the Conference. First point of contact for any questions or emergencies:
– everyday issues
– sightseeing
– payments and documents (please do not forget to pick up your financial documents)
– hotel accommodation
– phone recharging
Location: Third floor, Saint Petersburg State Forest Technical University, Second building block. Phone number: +7 (904) 512-85-07 (Conference manager – Ms. Natalia Aseeva)

• Registration Desk Working Hours
Monday    September 18   08:30 – 18:00
Tuesday                    September 19   09:00 – 17:00
Wednesday   September 20   09:00 – 16:00
Thursday   September 21   09:00 – 17:00

• News about RR 2017
Web: www.onlinereg.ru/rr2017
Ig: #RRConference #RR2017
All participants of the RR 2017 conference will be invited for a group photo session Monday, September 18 13:45 - 14:00. Entrance of the Second building block
Share Your Favorite Moments with Your Colleagues!

• Oral Presentations
Duration of talks:
– Plenary  40 min (including 5 minutes discussion)
– Key 30 min (including 5 minutes discussion)
– Oral 20 min (including 5 minutes discussion)

All the Oral Presentations should be uploaded to the PC in the Conference Hall before the session. Please bring your presentation (Power point or PDF) in a memory stick. For uploading and projecting your presentations, a manager for audio-visual in the Conference Hall will help you.
• Poster Presentations

We have the Poster Session, and in total 102 posters will be presented on September 20 from 16:30 – 18:00 in the Conference hall (Third floor, Second building block).

Poster’s format A1, portrait orientation. A poster board will be available for each poster. In order to fit the poster board, your poster should not exceed the recommended size. Poster authors or presenters are expected to be present by their posters during the poster session assigned to them to present their work and answer any questions. Materials to fix the poster to the board will be provided at the Registration desk. The authors can put their posters during the lunch break before poster session, and should remove their posters after the session. The posters not removed by the next morning will be discarded.

• Round Tables

Round Table Discussion:
«Chemical and technological aspects of biorefining»
Co-Moderators Prof. Eduard Akim and Prof. Bjarne Holmbom

Round Table Discussion:
«Biofuels from wood and plant materials, and structured carbon materials»
Co-Moderators Prof. Dmitriy Ponomarev and Prof. Nikolay Bogdanovich

Educational Round Table:
«Opportunities for cooperation with St. Petersburg State Forest Technical University in sphere of education and scientific research»
Moderator Svetlana Tereshchenko Ph.D.(Ec),
Executive Director of International Centre of Forestry and Forest Industry of SPbFTU

• Exhibition

Small exhibition will be held parallel to the coffee breaks of the Conference. Venue: Second building block, Third floor, next to the Conference Hall. Companies: Donau Lab Moscow, Analit Ltd.

• Young Researcher Awards*

Young Researcher Awards will be given to the best Oral and Poster Presentations. In total, 3 oral presentations and 3 posters will be awarded based on the voting by the International Programme Committee. The winners will be awarded in the Closing Ceremony.

* Sponsored by ORGKHIM BIOCHEMICAL HOLDING

• Certificate of Attendance

An Attendance Certificate will be issued to the delegates upon request at the Registration Desk.
<table>
<thead>
<tr>
<th>Time</th>
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<td>Plenary Lectures&lt;br&gt;&lt;br&gt;&lt;em&gt;Chairperson Pranovich A.&lt;/em&gt;</td>
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<tr>
<td>10:00 – 10:40</td>
<td>Xu C., Xu W., Liu J., Dax D., Pranovich A., Willför S.&lt;br&gt;&lt;br&gt;FROM WOOD-BASED POLYSACCHARIDES TO 3D SCAFFOLDS FOR BIOMEDICAL APPLICATIONS</td>
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<tr>
<td>10:40 – 11:20</td>
<td>Ananikov V.&lt;br&gt;&lt;br&gt;RENEWABLE RESOURCES FOR ORGANIC SYNTHESIS</td>
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<td>11:20 – 11:40</td>
<td>Coffee break + Exhibition Visiting</td>
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<tr>
<td>11:40 – 13:40</td>
<td>Plenary Lectures&lt;br&gt;&lt;br&gt;&lt;em&gt;Chairperson Willför S.&lt;/em&gt;</td>
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<tr>
<td>11:40 – 12:20</td>
<td>Brosse N., Deglise X.&lt;br&gt;&lt;br&gt;RESEARCH ACTIVITY IN LERMAB (WOOD RESEARCH UNIT), AN EXAMPLE: PHYTOREMEDIATION WITH TREES AND PLANTS</td>
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<tr>
<td>12:20 – 13:00</td>
<td>Chadha A., Kabilan C., Muthu D.&lt;br&gt;&lt;br&gt;HIGH VALUE ADDED PRODUCT (DHA) AND BIOFUEL FROM ALGAE: SCREENING, ISOLATION AND PROCESS OPTIMIZATION</td>
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<td>13:00 – 13:40</td>
<td>Rojas O., Zhang Y., Vuoriluoto M.&lt;br&gt;&lt;br&gt; NANOCELLULOSES IN DETECTION, AFFINITY SEPARATION AND BIOACTIVE SYSTEMS</td>
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<tr>
<td>13:40 – 15:00</td>
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<td>13:45 – 14:00</td>
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<tr>
<td>15:00 – 15:30</td>
<td>Key Lecture&lt;br&gt;&lt;br&gt;&lt;em&gt;Chairperson Deglise X.&lt;/em&gt;</td>
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<td>15:00 – 15:30</td>
<td>Belgacem N., Bras J.&lt;br&gt;&lt;br&gt;RECENT ADVANCES ON SURFACE MODIFICATION OF POLYSACCHARIDES: FROM BASIC CONSIDERATIONS TO CONCRETE APPLICATIONS</td>
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<td>15:30 – 16:50</td>
<td>Oral Presentations</td>
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<td>15:30 – 15:50</td>
<td>Kilpeläinen P., Kitunen V., Venäläinen M., Ilvesniemi H.&lt;br&gt;&lt;br&gt;HOT WATER EXTRACTION OF SPRUCE BARK TANNINS</td>
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<td>Time</td>
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<td>15:50 – 16:10</td>
<td>Salamon I., Zheljazkov V.</td>
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<td>17:00 – 19:00</td>
<td>Round Table Discussion</td>
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<tr>
<td>19:00 – 21:00</td>
<td>Welcome Party</td>
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</tbody>
</table>
11:50 – 12:20  Matsumoto Y., Yokoyama T.  
16 TYPES OF β-O-4 STRUCTURES IN LIGNIN – THEIR PRESENCE MANNER IN WOOD AND CHEMICAL REACTIVITY DURING BIOREFINING

12:20 – 12:50  Evtuguin D., Reis A., Mendes de Sousa A., Ataïde A.  
IMPROVED NANOFIBRILLATED CELLULOSE PRODUCTION FROM PAPER GRADE E. GLOBULUS KRAFT PULP

TRANSFORMATION OF HARDWOOD AND SOFTWOOD UNDER OZONE IMPACT

13:20 – 13:40  Oral Presentation

LOW POLAR EXTRACTIVES FROM FOLIATED BRANCHES OF KOREAN AND SIBERIAN PINES (PINUS KORAIENSIS AND P. SIBIRICA): COMPOSITION, DISTRIBUTION, AND BIOACTIVITY

13:40 – 13:55  Sponsor Presentation (Donau Lab Moscow)

13:55 – 15:10  Lunch (optional)

15:10 – 16:40  Round Table Discussion  
«Biofuels from wood and plant materials, and structured carbon materials»  
Co-Moderators Ponomarev D. and Bogdanovich N.  
Mandre Yu., Akim E.  
BIO-ENERGY & BIO-FUEL - ENERGY ASPECTS OF BIOREFINING OF WOOD  
Bogdanovich N., Romanenko K.  
HYDROLYSIS INDUSTRY’S WASTE RECYCLING FOR PRODUCE HIHCARBON ADSORBENTS  
Spitsyn A., Chu Cong Nghi, Ponomarev D., Bogdanovich N., Romanenko K.  
MONOLITH BIOCARBONS FROM BAMBOO – PRODUCTION AND PROPERTIES  
Belousov I.  
EFFECT OF WOOD BIOMASS COMPACTION ON PYROLYSIS KINETICS
<table>
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<td>16:40 – 17:20</td>
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<td>«Opportunities for cooperation with St Petersburg State Forest</td>
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<td>Technical University in sphere of education and scientific</td>
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<td><strong>Moderator Tereshchenko S.</strong></td>
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**Wednesday**<br>**September 20, 2017**

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<tr>
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<tbody>
<tr>
<td>09:30 – 11:30</td>
<td>Key Lectures</td>
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<td><strong>Chairperson Evtugin D.</strong></td>
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<td>09:30 – 10:00</td>
<td>Mika L., Tukacs J.</td>
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<td>VALORIZATION OF BIOMASS WASTES TO γ-VALEROLACTONE AND ITS USE AS A</td>
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<td>SOLVENT FOR CATALYSIS</td>
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<tr>
<td>10:00 – 10:30</td>
<td>Stashenko E., Martinez J., Prada F., Gonzalez A., Correa J.</td>
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<td>THE ROLE OF HIGH-RESOLUTION ANALYTICAL TECHNIQUES IN THE STUDY OF</td>
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<td>PLANT SECONDARY METABOLITES AND THEIR INTERACTIONS WITH THE</td>
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<td>ENVIRONMENT</td>
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<td>10:30 – 11:00</td>
<td>Tripathi A., Khan S., Rojas O.</td>
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<td>RATIONAL DESIGN PRINCIPLES TO CREATE POROUS FIBERS FROM CELLULOSE</td>
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<td>11:00 – 11:30</td>
<td>Ohi H., Salaghi A., Maryana R., Liu Q., Rizaluddin A.</td>
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<td>TOTALLY CHLORINE-FREE BLEACHING OF HARDWOOD PREHYDROLYSIS-KRAFT PULP</td>
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<td>USING PEROXYMONOSULFURIC ACID STAGES</td>
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<td><strong>Chairperson Sinitsyn A.</strong></td>
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<td>11:50 – 12:10</td>
<td>Matt L., Villo P., Toom L., Liblikas I., Pehk T., Vares L.</td>
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<td>HYDROFORMYLATION OF BIOMASS-BASED OLEFINIC DERIVATIVES OF ISOSORBIDE</td>
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<td>12:10 – 12:30</td>
<td>Mimini V., Hashim S.N.A.S., Sumerskii I., Zinovyev G.,</td>
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<td>Fackler K., Potthast A., Rosenau T.</td>
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<td>ISOLATION AND CHARACTERIZATION OF LIGNOSULFONATE OBTAINED FROM SULPHITE</td>
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<td>SPENT LIQUOR BY ADSORPTION ON XAD-7 RESIN</td>
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</tbody>
</table>
12:30 – 12:50  Maslova O., Senko O., Stepanov N., Lyagin I., Aslanli A., Makhlis T., Efremenko E.  
POLYFUNCTIONAL ENZYMATIC BIOLOGICS FOR DEVELOPMENT OF TECHNOLOGY USEFUL FOR IMPROVEMENT OF QUALITATIVE CHARACTERISTICS OF RENEWABLE VEGETABLE RAW MATERIALS

12:50 – 13:10  Ismayati M., Nakagawa-Izumi A., Ohi H.  
WOOD EXTRACTIVES AND BARK CONDENSED TANNIN AS NATURAL PRESERVATIVES TOWARDS SUBTERRANEAN TERMITES

SUSTAINABILITY METRICS FOR BIOMASS-BASED BASIC CHEMICALS

13:30 – 13:45  Sponsor Presentation (Analit Ltd.)

13:45 – 15:10  Lunch (optional)

15:10 – 16:30  Oral Presentations  
Chairperson Ohi H.

15:10 – 15:30  Bei M., Yuvchenko A.  
THE SYNTHESIS OF FUMAROPIMARIC ACID BASED TRIAMIDES, AMIDOAMIDINES AND 1,4-BISTRIAZOLES

15:30 – 15:50  Hamidah U., Arakawa T., H’ng Y., Nakagawa-Izumi A., Kishino M.  
PRETREATMENT WITH IONIC LIQUID FOR ENHANCING ENZYMATIC SACCHARIFICATION OF SOFTWOOD

15:50 – 16:10  Krasikova A., Bogolitsyn K., Gusakova M., Gravitis J.  
SCIENTIFIC BASES OF DEVELOPMENT OF EFFECTIVE ENVIRONMENTALLY FRIENDLY TECHNOLOGIES FOR CHEMICAL PROCESSING OF PLANT RAW MATERIALS

16:10 – 16:30  Lundahl M., Cunha A.G., Klar V., Orelma H., Vuoriluoto M., Rojas O.  
FILAMENTS OF CELLULOSE NANOFIBRILS VIA HYDROGEL SPINNING

16:30 – 18:00  Poster Session + Coffee break

19:00 – 22:00  Banquet in the «Restaurant in the Palace of Grand Duke Vladimir»

14:30 – 18:30  Hermitage Museum Tour (optional)
09:30 – 11:30  Key Lectures  
*Chairperson Matsumoto Y.*

09:30 – 10:00  Nikitina L., Startseva V., Lodochnikova O., Bodrov A., Artemova N., Fedyunina I., Klimovitskii A.  
EXTRAORDINARY BEHAVIOR OF β-HYDROXY SULFOXIDES AND SULFONES OF MONOTERPENE SERIES

10:00 – 10:30  Vaccaro L., Trombettoni V.  
NOVEL BIOMASS-DERIVED SOLVENTS FOR REPLACING CLASSIC REACTION MEDIA

10:30 – 11:00  Grigoray O., Wondraczek H., Pfeifer A., Daus S., Kühnl K., Latifi S., Saketi P., Kallio P., Heinze T., Fardim P.  
PREPARATION OF LIGHT-RESPONSIVE KRAFT PULP FIBERS AND STUDY OF THEIR PROPERTIES

11:00 – 11:30  Amer H., Colson J., Nypelö T., Henninges U., Potthast A., Rosenau T.  
SURFACE HYDROPHOBIZATION OF CELLULOSIC PULPS USING PLANT OILS AS GREEN SOLVENT MEDIA

11:30 – 11:50  *Coffee break + Exhibition Visiting*

11:50 – 13:50  Oral Presentations/Auditorium A (Conference Hall)  
*Chairperson Vasilyev A.*

11:50 – 12:10  Trombettoni V., Campana F., Marrocchi A., Vaccaro L.  
TAILOR-MADE ORGANIC HETEROGENEOUS CATALYSTS FOR THE CONTINUOUS-FLOW PRODUCTION OF ALKYL LEVULINATES

12:10 – 12:30  Soldatkina L., Salamon I., Novotna V., Tutunnik T.  
MODELING OF EXTRACTION REMOVAL OF BIOLOGICALLY ACTIVE SUBSTANCES FROM JUNIPER BERRIES

12:30 – 12:50  Galkin K., Krivodaeva E., Kashin A., Romashov L., Ananikov V.  
IMPROVED SYNTHESIS AND STABILIZATION OF BIO-DERIVED 5-HMF

12:50 – 13:10  Korotkova E., Pranovich A., Ozhimkova E., Sulman E., Willför S.  
MILD-ALKALINE-EXTRACTED SPRUCE LIGNIN AS A PLANT GROWTH REGULATOR

13:10 – 13:30  Sumerskii I., Zinovyev G., Sulaeva I., Rosenau T., Potthast A.  
FAST TRACKS FOR ACCURATE LIGNIN CHARACTERISATION

11:50 – 13:50  Oral Presentations/Auditorium B (Room 317) Chairperson Mika L.

11:50 – 12:10  Subbotina K., Fedorova O., Kazakov V. POLYALKYLACRYLATE INFLUENCE OF SODIUM ON THE SURFACE TENSION OF THE BLACK LIQUOR IN THE MANUFACTURE OF SULPHATE PULP


12:30 – 12:50  Kutakova N., Tatarinceva V. SPRUCE ALCOHOL EXTRACTS ARE SOURCE OF BAS


13:10 – 13:30  Romanenko K., Bogdanovich N. OBTAINING OF ACTIVATED CARBONS BY PYROLYSIS OF HIDROLYTIC LIGNIN


13:50 – 15:10  Lunch (optional)

15:10 – 17:30  Oral Presentations/Auditorium A (Conference Hall) Chairperson Sumerskii I.


15:30 – 15:50  Sizov A., Kruchina-Bogdanov I., Laptev A. BIRCH WOOD HEMICELLULOSE HYDROLYSIS WITH HYDROGEN CHLORIDE GAS-AIR MIXTURES FOR XYLITOL PRODUCTION
15:50 – 16:10 Gabov K., Hemming J., Fardim P.
ONE-STEP FRACTIONATION OF SUGARCANE BAGASSE USING A HYDROTROPIC PROCESS

16:10 – 16:30 Alekseeva E., Lipin V.
MODERN TECHNOLOGIES IN THE PULP INDUSTRY

16:30 – 16:50 Senko O., Stepanov N., Maslova O., Efremenko E.
IMMOBILIZED BIOCATALYST FOR CONVERSING OF HYDROLYSATES OF VEGETABLE WASTES INTO POLYSACCHARIDES

16:50 – 17:10 Zemnukhova L., Arefieva O., Kovekhova A., Makarenko N., Turmasheva V.
OBTAINING, COMPOSITION AND PROPERTIES OF CARBON-CONTAINING SORBENTS FROM PLANT RAW MATERIALS

17:10 – 17:30 Ovchinnikova E.
ETHYLENE FROM SECOND-GENERATION ETHANOL: INFLUENCE OF IMPURITIES AND PROSPECTS FOR COMMERCIAL APPLICATION

15:10 – 17:30 Oral Presentations/Auditorium B (Room 317)
Chairperson Stashenko E.

15:10 – 15:30 Panasenko A., Yarusova S., Zemnukhova L., Gordienko P.
KINETICS OF CESIUM SORPTION BY ALUMINOSILICATE SORBENTS PREPARED FROM RICE STRAW

15:30 – 15:50 Subbotina K., Polyakova K., Fedorova O., Chebanova O., Kazakov V.
A METHOD OF PROCESSING DEPOSITS BASED ON CALCIUM SILICATES

15:50 – 16:10 Trifonov R., Zorina A., Anokhina V.
NITROGEN HETEROCYCLIC DERIVATIVES OF PLANT TRITERPENDIOLS

THE USE OF NI(CO)MOS CATALYSTS SUPPORTED ON ALUMINA FOR CO-HYDROTREATING OF STRAIGHT-RUN GAS OIL WITH SUNFLOWER OIL

PRODUCTION, PROPERTIES AND MORPHOLOGY OF BIODEGRADABLE COMPOSITIONS BASED ON PLA AND POLYSACCHARIDES

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P-3 Acevedo L., Durán D., González A., Martínez J., Stashenko E.
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**SOCIAL PROGRAMME**

**Welcome party***  
**September 18, 2017**

*Time:* 19:00 – 21:00  
*Venue:* Third floor, Second building block, Saint Petersburg State Forest Technical University

The Organizing Committee of the Conference invites all registered participants to enjoy drinks and canapés as we kick off the conference.  
*Complimentary to all delegates and registered accompanying persons*

**Saint Petersburg Sightseeing Evening tour***  
**September 19, 2017**

*Time:* 17:45 – 19:45  
*Departure/arrival:* Saint Petersburg State Forest Technical University  
(meeting point – entrance of the Second building block)

The tour will take you round the historic center of the city included in the UNESCO World Heritage List. You will see the most important sights: Nevsky Prospect, the main street; Palace Square with the imposing buildings of the Winter Palace and the General Staff Headquarters; Isaac Square with St. Isaac’s Cathedral, the 4th largest in the world; Decembrists’ Square with the Bronze Horseman, the symbol of the city; the Spit of Vasily Island with Rostral Columns and the Stock Exchange, the spot with the breathtaking view of the Neva River embankments and Peter and Paul Fortress, the birthplace of the city.  
*Complimentary to all delegates and registered accompanying persons*

**Excursions to the Museums and Botanic Garden***  
**September 22, 2017**

*Time:* 10:00 – 13:00  
*Venue:* Saint Petersburg State Forest Technical University  
(meeting point – entrance of the Second building block)

During the excursion you will visit:  
– museums of Forest Entomology named by Rimsky-Korsakov, Biology of forest animals and birds named by Silantiev and museum of Soils, minerals and silviculture named by Morozov;  
– the herbarium of Russian Federation which have a status of world heritage;  
– the arboretum of Biological garden has a collection of more than 1500 species of wood plants both local and introduced;  
– two experimental forest stations - Lisinski (28000 ha) and Okhtinsky (1700 ha) and
Botanical garden (64 ha) are used for practical training.
* Complimentary to all delegates and registered accompanying persons

Banquet in the «Restaurant in the Palace of Grand Duke Vladimir»*
September 20, 2017

Time: 19:00 – 22:00
Venue: 26, Palace embankment
(meeting point – entrance of the Second building block, meeting time – 18:00)

The Organizing Committee invites you to take a part in the Conference Banquet, which will be held in the Palace of Grand Duke Vladimir Aleksandrovich, the brother of Emperor Alexander III.
The palace was built in 1872 and located close to Hermitage, which served as the imperial residence.
The menu with European cuisine and music accompaniment will be offered for the guests.
* Complimentary for Regular Participants and Accompanying persons (is not included in the registration fee of participants from NIS countries and students).
Optional (participants from NIS countries and students). The price for the ticket – 4,000 ₽

Hermitage Museum Tour*
September 20, 2017

Time: 14:30 – 18:30
Departure/arrival: Saint Petersburg State Forest Technical University
(meeting point – entrance of the Second building block)

The tour will take you to the State Hermitage Museum, one of the world's greatest museums, which occupies six magnificent buildings situated along the embankment of the River Neva. Put together throughout two centuries and a half, the Hermitage collections of works of art (over 3,000,000 items) present the development of the world culture and art from the Stone Age to the 20th century. You will see the lavishly-decorated reception quarters of the Winter Palace, the former official residence of the Russian Emperors; the highlights of the Old Masters' Collection: Leonardo da Vinci, Titian, Rafael, Michelangelo, Rembrandt, Rubens, Van Dyck, Poussin and others.
* Optional. The price for the ticket – 2,150 ₽

Excursion to the Oranienbaum (Menshikovskiy Palace and Park)*
September 21, 2017

Time: 12:30 – 18:00
Departure/arrival: Saint Petersburg State Forest Technical University
(meeting point – entrance of the Second building block)
This tour will take you to the suburban Oranienbaum (Orange Tree), located 40 km
from Saint Petersburg, famous for its grand park and Menshikov Palace.
Prince Alexander Menshikov, one of Peter the Great's best friends, started building the estate and its Grand Palace.
Catherine the Great made it one of her holiday spots and built a small Chinese palace with baroque outside and rococo within. Menshikov’s Grand Palace hasn’t changed a great deal over the centuries and it's one of the few palaces on the outskirts of the city that wasn’t destroyed by the Nazis. There are numerous development plans in progress in Oranienbaum, also known as Lomonosov.
In the 19th century Oranienbaum became a noble manor. During World War II only Oranienbaum and Kronstadt were not occupied and destroyed by the Nazis and remain pristine. Restoration to Oranienbaum has been a slow process. Tsarskoe Selo and Peterhof restorations were given higher priority, and that is one reason Oranienbaum is a less-visited attraction.
The Palace ensemble and the city centre are UNESCO World Heritage Sites.
* Optional. The price for the ticket – 2 350 ₽