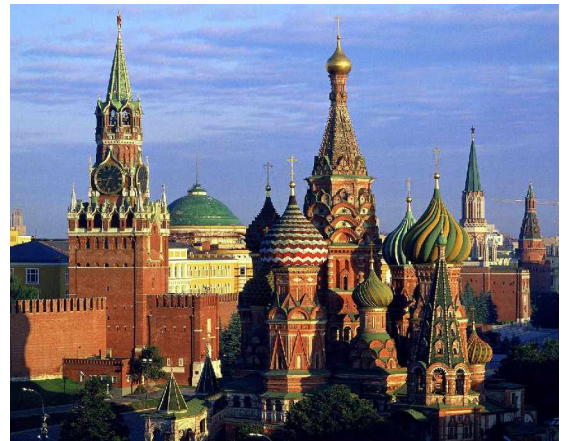
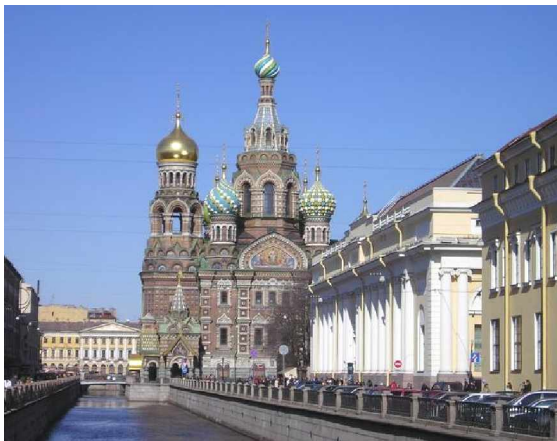


S.-PETERSBURG – MOSCOW
RUSSIA 2009

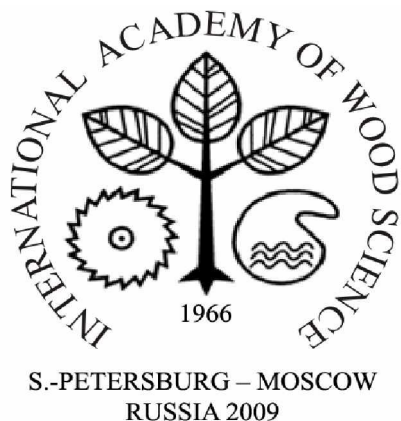
ANNUAL 2009 IAWS PLENARY MEETING AND CONFERENCE

FORESTS AS A RENEWABLE SOURCE OF VITAL VALUES FOR CHANGING WORLD

PROGRAMME




Saint-Petersburg – Moscow
2009, JUNE 15th – 21st



**ANNUAL PLENARY MEETING
AND
CONFERENCE
IAWS-2009**

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PROGRAMME

		<h2>Saint-Petersburg</h2>
<p><i>14th of June, Sunday</i></p>		
Arrival of the participants		
Option: 19.30 - 22.00	City sightseeing tour	
<p><i>15th of June, Monday</i></p>		
Approx. 7-45	Departure from the hotel “Dostoievsky” by bus	
9.00 – 10.00	Registration and welcoming coffee	
10.00 – 11.00	Welcomes by Andrey Selikhovkin - Chairman, Rector of Saint-Petersburg State Forest Technical Academy (SPb FTA); Viacheslav Suslov - Co-chairman, Rector of Saint-Petersburg State University of Plant Polymers; Lennart Salmèn , Vice-President of IAWS, on behalf of Frank Beall , President; Greetings from Chinese Academy of Forestry by Prof. Jiang Zehui , Past President of CAF, supporting institution of IAWS.	
SESSION I. Chairperson: <i>Andrey Selikhovkin, SPb FTA</i>		
11.00 – 11.20	<i>Alexander Alekseev</i>	Forest and forest resources of Russia and their use.
11.20 – 11.40	<i>Anatoly Chubinsky</i>	Quality assurance of formation of bond connections of massive wood with use X-ray
11.40 – 12.00	<i>Victor Soloviov</i>	The principle of steady state pools in wood processing products and waste
12.00 – 12.45	Lunch	
12.45 – 14.00	Visit to the botanical garden of the Academy	

SESSION II. Chairperson: <i>Lennart Salmen, INNVENTIA AB and Vice-President of IAWS</i>		
14.00 – 14.20	<i>Jiang Zehui*</i> , <i>Chen Xuhe*</i> , <i>Yu Yan</i> , <i>Wang Zhen</i>	Prefabricated Bamboo Panel House for Disaster Relief
14.20 – 14.40	<i>Junji Sugiyama*</i> and <i>Suyako Mizuno</i>	Synchrotron X-ray tomography – wood identification for cultural heritage
14.40 – 15.00	<i>Schmitt U.</i> , <i>Lehringer C.</i> , <i>Daniel G.</i> , <i>Gierlinger N.</i> , <i>Koch G.</i>	Topochemical and TEM / FE-SEM studies on tension wood fibres of <i>Acer</i> spp., <i>Fagus sylvatica</i> L. and <i>Quercus robur</i> L
15:00– 16.00	Coffee or Tea Break, Poster Session	
16.00 – 17.30	Business Meeting for IAWS Fellows / Poster Session for non-IAWS Fellows	
18.00	Conference Dinner at the Saint Petersburg State Forest Technical Academy	
16th of June, Tuesday		
SESSION III. Chairperson: <i>Uwe Schmitt, (vTI) Institute for Wood Technology and Wood Biology and Secretary of IAWS</i>		
10.00 – 10.20	<i>Bjarne Holmbom*</i>	Knots in trees – an exceptionally rich source of bioactive polyphenols
10.20 – 10.40	<i>Niemz Peter*</i> , <i>Keunecke D.</i> , <i>Sonderegger W.</i>	Relationships between structure and selected physical properties of wood
10.40 – 11.00	<i>Tiita M.</i> , <i>Tomppo L.</i> , <i>Lappalainen R.</i>	Development of non-destructive methods for wood
11.00 – 11.30	Coffee or Tea Break, Poster Session	
SESSION IV. Chairperson: <i>Alexander Alekseev, SPb FTA and IAWS</i>		
11.30 – 11.50	<i>Borrega Marc</i> , <i>Karenlampi Petri</i>	Mechanical Properties of high-temperature dried spruce wood
11.50 – 12.10	<i>Vedernikov D.N.</i> , <i>Neverovskiy V.Yu.</i> , <i>Roshchin V.I.</i>	Variations of a chemical compounds of birches leaf-buds of the St.-Petersburg Forest Technical Academy tree nursery
12.10 – 12.30	<i>Gril J. *</i> , <i>Yokoyama M.</i> , <i>Matsuo M. *</i> , <i>Umemura K.</i> , <i>Clair B.</i> , <i>Sugiyama J. *</i> , <i>Mitsutan T.</i> , <i>Kubodera S.</i> , <i>Ozaki H.</i> , <i>Sakamoto M.</i> , <i>Imamura M.</i> , <i>Kawai S. *</i>	On the ageing of Hinoki wood from the Japanese cultural heritage
12.30 – 13.15	Lunch	
13.15 – 14.30	Visit to museums of Academy (museum of hunting and museum of entomology)	

SESSION V. Chairperson: *Joseph Gril*, University Montpellier 2, French National Research Council (CNRS), IAWS

14.30 – 14.50	<i>Turinawe Esegu</i>	Wood properties as pre-breeding option in species selection for plantation forestry in Uganda
14.50 – 15.10	<i>Evstigneev E.I.</i>	Delignification of wood by functionalization of the lignin
15.10 – 15.30	<i>Bogolitsyn K.G.*</i>	Thermodynamic of the self-organization of lignin-carbohydrate matrix
15.30 – 16.00	Coffee or Tea Break, Poster Session	
16:45	Group photo	

17th of June, Wednesday

13.00 – 22.00	Option: fieldtrip & dinner	
23.15	Departure to Moscow by train 063 A from Moscow railway station	



Moscow

18th of June, Thursday

7.00	Arrival to Moscow, Leningradsky railway station	
7.00-8.00	Transfer to Hotel Complex (HC) “Izmailovo” by bus	
9.45-10.00	Coffee or Tea Break	
10.00-10.15	Welcome by Viktor Sanaev - Co-Chairman, Rector of Moscow State Forest University	

SESSION VI at Conference Hall “Suzdal”, HC “Izmailovo”. Chairperson: *Victor Sanaev*, MSFU

10.15-10.40	<i>D. G. Guitard*</i> , <i>E. C. Adjovi</i> , <i>A. E. Foudjet</i>	Development of Wood Panels for the Valorisation of Wood Residues and Wasted Plastic Materials.
10.40-11.05	<i>Sergei R. Loskutov*</i>	Theory of Micropore Volume Fillings: New Approach to Analysis of Water Sorbtion Isotherms by Wood
11.05-11.30	<i>Janis Gravitis*</i>	Wood Cell Wall Biocomposite Structure In Nano- and Supra-Molecular Scales
11.30-11.55	<i>Suyako Mizuno</i> , <i>Ayato Kohzu</i> , <i>Takeshi Nakatuka</i> , <i>Junji Sugiyama</i>	Stable carbon isotope ratio in tree rings of Hinoki exposed to pollution
12.00-13.00	Lunch	

SESSION VII at Conference Hall “Suzdal”, HC “Izmailovo”. Chairperson: <i>Daniel Guitard, IAWS</i>		
13.00-13.25	<i>M.V.Skomarkova E.A.Vaganov Ernst-Detlef Schultze</i>	Analysis of wood density and isotope composition in tree rings of <i>Acer Pseudoplatanus L.</i> , <i>Fagus Sylvatica L.</i> and <i>Fraxinus Excelsior L.</i>
13.25-13.50	<i>A. Salenikovich</i>	Precision of Measurement of Modules of Elasticity in Bending of Lumber in Structural Sizes
13.50-14.15	<i>Arsenio B. Ella</i>	Sustainable Production and Uses of Resins from Philippine Resin-Producing Timber Species
14.15-14.40	Coffee or Tea Break	
14.45-16.00	Transfer to State Botanical Garden of Russian Academy of Science (SBG RAS)	
16.00-16.30	Welcome by Alexander Demidov - Director of SBG RAS	
16.30-18.30	Excursion to SBG RAS	
18.30	Return to HC “Izmailovo” by bus	
19th of June, Friday		
9.00	Transfer from HC “Izmailovo” to Moscow State Forest University (MSFU) by bus	
SESSION VIII at MSFU (Room 1220). Chairperson – <i>Xavier Deglise, Université Henri-Poincaré, IAWS Past-President</i>		
10.00-11.00	<i>Boris N.Ugolev*</i>	Academic Lecture «Wood as a natural smart material»
11.00-11.30	Coffee or Tea Break, Poster Session (22 posters, List I)	
SESSION IX at MSFU (Room 1220). Chairperson – <i>Viachslav Zaprudnov, MSFU</i>		
11.30-11.55	<i>A.N. Oblivin, I.V. Sapochnikov</i>	Physical bases in the design models of the technological cycle of composites on the wood fillers
11.55-12.20	<i>Filonov K.N., Klassen N.V., Kurlov V.N., Konovalov N.T.</i>	Silicon Carbide Ceramics Made From Wood Wastes
12.20-12.55	<i>Barun Shankar Gupta, Bjørn Petter Jelle, Per Jostein Hovde, Petra Rüter</i>	Use of Ftir as a Tool for Prediction of Service Life of Wooden Cladding
12.55-13.20	<i>Semenov Y. Ermochenkov M. Evstigneev A., Kuvik T.</i>	Method of Predicting the Color of Heat- Treatment Wood
13.20-13.45	<i>G. F. Antonova</i>	Structure Organization of Cell Wall Polymers During Earlywood and Latewood Formation in Larch
14.00-15.00	Lunch	

SESSION X at MSFU (Room 1220). Chairperson – <i>Sergey Loskutov</i> , <i>V.N.Sukachev Institute of Forest and IAWS</i>		
15.00-15.25	<i>L.L. Novitskaya</i>	Mechanisms of Formation and Inheritance of Wood Structural Abnormalities Like Karelian Birch (<i>Betula Pendula</i> var. <i>Carelica</i>)
15.25-15.50	<i>H. Rangavar,</i> <i>M. Nazerian</i>	Study of Possibility of Usage of Spruce Species Bark Obtained from Plywood and Paper Manufacturers in the Middle Layer of Particleboard
15.50-16.20	Coffee or Tea Break, Poster Session (22 posters, List II)	
16.20-16.45	<i>G.Pavlovičs,</i> <i>J. Dolacis,</i> <i>M.Daugaviete,</i> <i>D.Cīrule,</i> <i>A.Alksne,</i> <i>I.Lavnikoviča,</i> <i>A.Antons</i>	Studies of the mechanical properties of Latvia’s innovative construction material from wild cherry (<i>prunus avium</i> l.) wood
16.45-17.10	<i>S.N. Rykunin,</i> <i>E.G.</i> <i>Vladimirova</i>	Culture of wood utilization and modern woodworking technologies
17.10	Group photo	
17.30-18.30	Visit to MSFU faculties / Business Meeting of RCCWS members held by Boris N.Ugolev at MSFU Scientific Council Hall	
18.30-19.30	Conference Dinner at Moscow State Forest University	
19.30	Return to HC “Izmailovo”	
<i>20th of June, Saturday</i>		
10.00-12.30	Excursion to Space Mission Control Centre	
13.00-14.00	Lunch	
14.00-17.00	Visit to Institute of Solid State Physics RAS	
<i>21st of June,, Sunday</i>		
Departure of the participants		

CULTURAL PROGRAM
arranged by organizers

Saint-Petersburg, 2009, June, 15-17

Date	Time	Event
June, 14 th	19.30-22.00	City sightseeing tour
June, 15 th	10.00-17.00	Boat tour along channels; Lunch; St.Isaac's Cathedral & Yusupovsky Palace
June, 15 th	19.00	Conference Dinner
June, 16 th	10.00-17.00	Hermitage; Lunch; Peter&Paul Fortress
June, 16 th	19.00-22.00	Visit to Theatre (ballet)
June, 17 th	10.00-17.30	Petrodvorets (lunch is arranged)
June, 17 th	10.00-16.00	Field Trip (lunch is arranged)

Moscow, 2009, June, 18-20th

Date	Time	Event
June, 18 th	11.00-18.00	City sightseeing tour
June, 18 th	19.00-22.00	Russian Folk Show
June, 19 th	11.00-17.00	Excursion to Tretyakov Picture Gallery
June, 19 th	18.30	Conference Dinner
June, 20 th	10.00-12.30	Visit to Spaceship Mission Control Centre
June, 20 th	14.00-17.00	Visit to Institute of Solid State Physics RAS
June, 20 th	14.00-17.00	Moscow Kremlin and Armoury Chamber