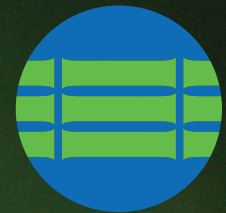




WBC
BELGIUM2012

A close-up photograph of a bamboo joint, showing the texture of the green bamboo culms and a white sealant applied to the joint. The background is dark and out of focus.

keep bamboo strong.



World Bamboo



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Agentschap Ondernemen



WBC A & B		University of Antwerp WBC A			
Year 2012	Monday 9 th Anril (Easter Monday)	Tuesday 10 th Anril	Wednesday 11 th Anril		Thursday 12 th Anril
<u>Morning</u>			Opening: Johan Gielis Keynote: Marc Van Montagu		INBAR Session
			Keynote speakers: Lynn Clark, Walter Liese, Susanne Lucas, Watanabe	Session 3: Fibers	
				Session 4: Food, pharma & environment	
<u>Noon</u>		Lunch & Poster session	Lunch & Poster session		Lunch & Poster session
		IUFRO Sessions	Keynote Anil Sood		Keynote Pablo Van der Lugt
<u>Afternoon</u>	Registration and Preconference Briefing (Hotel lobby)	Session 1: Agriculture & Forestry	Session 2: Biology, Physiology & Ecology	Session 5: Building & treatment	Session 6: Biotechnology
		Poster sessions			Workshop: Bamboo, a 50 year perspective*
					Closing ceremony
<u>Evening</u>		Opening Reception in the City Hall of Antwerp (Renaissance building), offered by alderman Robert Voorhamme		SABF meeting Investment and Business Opportunities	Conference Dinner at Hof van Liere (Medieval building)

WBC B	De Kolonie, Merksplas	
Friday 13 th April	Saturday 14 th Anril	Sunday 11 th Anril
Introduction: Jan Oprins & Michel Abadie Keynote paper: Pablo Van der Lugt	Keynote paper: David Sands	ZERI/Blue Economy Session Keynote papers: Carolina Salazar, Khosrow Ghavami
Papers & Presentations	Papers & Presentations	
Lunch	Lunch & Poster session	Closing speech Gunter Pauli
Excursion (Greenhouses, Arboretum, Mechanical Harvesting)	Ornamentals: Hongchao Tan, Fernando Tombolato, Helder Carvalho, Ned Jaquith, Jos Van der Palen	
Development Session Keynote: Coosje Hoogendoorn		
Papers & Presentations		
	Dinner	
	BBQ Dance Fest: Performance of Take Dake, Indian & Indonesian Orchestra's	

Programme IXth World Bamboo Congress

Tuesday, 10 April 2012

8-9.30u Registration

ALL	Opening session	Room R0.01
9.15-9.45	Johan Gielis	Word of Welcome / Introduction and overview of the IXth WBC
9.45-10.15	Marc Van Montagu	Agriculture and Forestry in the -omics era
10.15-11.00	Lynn Clark	Bamboo Evolution and Classification: Recent Advances
11.00-11.20	<i>Coffee & Tea Break</i>	
11.20-12.00	Walter Liese	A personal reflection of 60 years of bamboo passion and research
12.00-12.30	Susanne Lucas	In honour of bamboo pioneers
12.30-12.45	Masatoshi Watanabe	Ueda Lecture
12.45-14.00	Lunch & Poster Session	The present status of bamboo in Japan
PARALLEL	Session 1: Agriculture & Forestry	Room: R0.02
	Chair: M. Watanabe	
14.00-14.30	Juan Carlos Camargo Garcia	The guadua bamboo forests in the Coffee region of Colombia: beyond of carbon sequestration
14.30-15.00	Xie Jinzhong	Effects of cold treatment on some physiological characteristics of <i>Dendrocalamus latiflorus</i> seedlings
15.00-15.30	Anjuli Agarwal	Biomass production and carbon sequestration potential of various Bamboo species in the Mid Himalayan region of India
15.30-16.00	Andras Darabant	Harvesting method optimizing shoot and culm production in <i>Dendrocalamus hamiltonii</i>
16.00-16.15	<i>Coffee & Tea Break</i>	
16.30-16.50	Adarsh Kumar	Macroproliferation Technology For Perpetual Production Of Field Planting Stocks Of Sympodial Bamboos For Raising Larger Plantations
16.50-17.10	Emmanuel Ndzana	Human urine boosts bamboo biomass yield

Tuesday, 10 April 2012

PARALLEL	Session 2: Biology, Physiology & Ecology Chair: L. Clark	Room: R0.01
14.00-14.30	Andrea Melnychenko	Biogenic volatile organic compound emissions from bamboo: Exploring patterns of diversity across species
14.30-15.00	Elena Moshynets	Visualisation and identification of endophytic bacterial communities of <i>Phyllostachys</i> and <i>Fargesia</i>
15.00-15.30	Dong Sheng Wei	Susceptibility of Bamboo to Fungi
15.30-16.00	Francisca Ely	Low temperature resistance in tropical Andean bamboos
16.00-16.15	<i>Coffee & Tea Break</i>	
16.30-16.50	Litsa Bogaerts	Comparison of plant species diversity between hedgerows and a bamboo field in Ireland.
16.50-17.10	Yu Yan	Are bamboo fibers stronger and stiffer than wood fibers?
17.10-17.30	Davina Van Goethem	Modeling Seasonal Variations of Chlorophyll Fluorescence in Bamboo Leaves.
ALL		
17.30-18.00	Walk to the Opening Reception at Antwerp City hall	
18.00-19.30	Opening Reception	
19.30-.....	Free evening	

Wednesday, 11 April 2012

ALL	Keynote paper	Room: R0.01
8.45-9.30	Aart Willem Van Vuure	A new natural reinforcement for polymer composite materials: bamboo fibres
PARALLEL	Session 3: Fibers	Room: R. 001
	Chair: Richard Murphy	
9.30-10.00	Carlos A. Fuentes	Interfacial Adhesion of Bamboo Fibre Composites
10.00-10.30	Pannipa Chaowana	The gluability and bonding quality of an Asian bamboo (<i>Dendrocalamus asper</i>) for the production of composite lumbers
10.30-11.00	<i>Coffee & Tea Break</i>	
11.00-11.30	Tarranum Afrin	Novel Approaches to Process Bamboo Plants into Fibres and their UV blocking Property
11.30-12.00	E. Trujillo	Bamboo (<i>Guadua angustifolia</i>) fibres for strong-light composite materials
12.00-12.30	Lina Osorio	The relation between bamboo fibre microstructure and mechanical properties
PARALLEL	Session 4: Food, Pharma, Environment	Room: R. 002
	Chair: Roeland Samson	
9.30-10.00	Jade Littlewood	Liquid Hot Water (LHW) pretreatment of bamboo for second-generation (2G) biofuel production
10.00-10.30	Michel Hubeau	Applications for biomass out of bamboo: Pyrolysis oil, Activated carbon, Pretreatments for digestion.
10.30-11.00	<i>Coffee & Tea Break</i>	
11.00-11.30	Laura Van Hoyweghen	Evaluation of in vitro antiproliferative activity of bamboo leaf extracts
11.30-12.00	Nirmala Chongtham	Bamboo shoots as a functional food
12.00-12.30	Poonam Singhal	Study on traditional fermentation process of bamboo shoot and nutraceutical characteristics
12.30-14.00	Lunch & Poster Session	

ALL	Keynote	Room: R0.01
14.00-14.45	Anil Sood	Biotechnological approaches for propagation, conservation and improvement of important bamboos

PARALLEL	Session 5: Building materials	Room: R0.02
	Chair: Aart Willem Van Vuure	
14.45-15.10	Juliana Arbelaez/JJuan Correal	Racking Performance of Traditional and Non-Traditional Engineered Bamboo Shear Walls
15.10-15.35	Juan Correal	Experimental study of Glued Laminated Guadua Bamboo Panel as an alternative shear wall sheathing material
15.35-16.00	Andry Widyowijatnoko	Development of Lashing-Based Bamboo Joints
16.00-16.30	Coffee & Tea Break	

PARALLEL	Session 6: Wood treatment	Room: R0.01
	Chair: Aart Willem Van Vuure	
16.30-16.55	Andrew A. Erakhrumen	Influence of Treatment Temperature Regimes and Durations on the Absorption of Crude Neem Seed Oil by Split-Bamboo
16.55-17.20	Zhijia Liu	The Thermal Decomposition Property of Moso Bamboo
17.20-17.45	Thi Kim Hong Tang	Investigation on optimisation of kiln drying of the bamboo species <i>Bambusa stenostachya</i>, <i>Dendrocalamus asper</i> and <i>Thyrostachys siamensis</i>
17.45-18.10	Martina Bremer	Change of the properties of Vietnamese bamboo species by thermal modification
18.10-18.35	Stephen Tekpetey	Lartey The Effect of Site and Culm Height on the Shrinkage of the Wood of <i>Bambusa vulgaris</i> in Ghana

PARALLEL	Session 7: Biotechnology	Room: R0.02
	Chair: Geert Potters	

14.45-15.10	Gao Zhimin	Molecular Characterization of Pelhcb Genes in Bamboo and the Analysis of the Complexes Reconstituted by using the Genes expressed in vitro
15.10-15.35	Suzanne Van den Akker	Cytokinins in cell suspension cultures of <i>Bambusa balcooa</i> Roxb. using UPLC-ESI/MS/MS
15.35-16.00	<i>Coffee & Tea Break</i>	
16.00-16.30	Inder Arya	Somatic Embryogenesis of <i>Drepanostachyum falcatum</i> an important hill bamboo- a rapid means of micropropagation
16.30-16.55	Haying Li	Somatic embryogenesis and plant regeneration from the anther callus of <i>Dendrocalamus latiflorus</i> Munro
16.55-17.20	Sarita Arya	In vitro Propagation of <i>Dendrocalamus hamiltonii</i> through Somatic Embryogenesis
17.20-17.45	Gladys Muivah	Origin, Growth and Anatomy of the In Vitro formed Rhizome of <i>Dendrocalamus strictus</i> Nees.

INVITEES ONLY	“Where Bamboo Grows” An investment meet and awareness meet on South Asia and SE Asia. Room:
17.00-17.10	Welcome address by Kamesh Salam. SABF*,
17.10-17.25	Address by HE the Ambassador of Indonesia to Belgium, H.E. Arif Havas Oegroseno
17.25-17.40	Address by Chief Guest Dr. Mukul Sangma, Chief Minister, Meghalaya. *
17.40-	Mr. Jan Oprins, CEO Oprins ,Belgium ** Dr. Jean-Luc Kouyoumji, Bambou Sciences & Innovation (BSInnovation), France. <i>Bamboo for building, European regulation process to go to the market</i> Mr. Arne Svinningen, CEO Fiberstrength, USA.* Mr. S, Haito, Minister of Industry , Mizoram State, India Mr. Juergen and Mr.Sabino Rua, Timor Bamboo Centre, Timor Leste . Dr.Fu Jinhe, INBAR. Dr. Frederic Panfili, Phytorem. <i>Waste water treatment with bamboo.</i> Mr. Edouard Sherwood, entrepreneur, <i>Bamboo Materials and products for the transportation industry.</i> Mr.T.T.C. Marak, Principal Chief Conservator Forest, Meghalaya State* Mr.Rajesh Prasad / Mr. Deepak More, Bamboo Technology Park, Assam, India. Vote of thanks by WBO

Thursday, 12 April 2012

ALL	INBAR session Chair: Walter Liese	Room: R0.01
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9.00-9.30	Coosje Hoogendoorn	Overview and why value chain analysis is important
9.30-10.00	Yue Yongde	Bamboo Value chain in China and the importance of research for value chain development
10.00-10.30	Jacob Kibwage	Value chain in Kenya
10.30-11.00	Jinhe Fu & Tesfaye Hunde	Value chain in development: bamboo charcoal
11.00-11.30	<i>Coffee and tea</i>	
11.00-11.30	Johan Gielis	Temperate bamboos in ornamental horticulture: differentiators and spillover effects into the 21st century
11.30-12.00	Kathleen Buckingham	The role of certification in value chain development
12.00-12.30		
12.30-12.40	Invitation to lunch by the Indonesian Ambassador Lunch with Indonesian Anklung Orchestra	

ALL	Room: R0.01
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15.00-15.30	Pablo Van der Lugt	Life Cycle Assessment and Carbon Sequestration; the Environmental Impact of Industrial Bamboo Products
15.30-17.30	Bamboo A 50 year perspective	Moderator
17.30-17.45		Panel of Specialists
		Conclusion of Part A
20.00-24.00	Conference dinner	

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*The most useful service
we can render a culture
is to add a new plant
to its agriculture.*

~

Thomas Jefferson



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