

ISA 2013

**THE 6th CONFERENCE
of the
INTERNATIONAL SEABUCKTHORN
ASSOCIATION
Potsdam 2013**



**SBT – a fresh look at
Technology, health and environment
October 14th – 17th, 2013
Potsdam, Germany**

Program

**A conference of the
International Seabuckthorn Association, Beijing
Organized by
German Society for Seabuckthorn and Wild Fruits Berlin
Humboldt-University, Berlin, Faculty of Agriculture and
Horticulture**

General program and events

Sunday, October 13 th	
4 p.m. - 7 p.m.	Registration in Mercure hotel lobby hall
	Come together at Mercure hotel lobby hall
Monday 14 th	
10:00	Opening Ceremony
19:00	Meeting of ISA board (in Mercure hotel)
Monday 14 th until Wednesday 16 th	
All day.	Conference lectures, poster session, exhibition
Tuesday, October 15 th	
7 p.m.	Official conference banquet and reception (in Mercure hotel)
Thursday, October 17 th – starting in front of Mercure hotel	
Technical tours – two possible options, 9:00 a.m., as you booked	
Focussed on Agriculture and agro technique	Potsdam town tour (short look on the town followed by visit to federal agency for brands (plantation and fields), Plantation in village Quellendorf - plantation and harvesting technology, Christine Berger GmbH, Petzow – Products and marketing of SBT
focussed on technology	Potsdam town tour (short look on the town) followed by visit to processing plant in Herzberg and Christine Berger GmbH, Petzow – Products and marketing of SBT
Friday, October 18 th – after conference tours - starting in front of Mercure hotel	
Trips to Sites of World Heritage, two possible options as you booked *	
Mecklenburg-Vorpommern (north east Germany)	visit to Ludwigslust castle - Sanddorn Storchennest Ludwigslust (SBT company) - state research station on agriculture in Guelzow (SBT variety testing and research) - visit to Guestrow town and heritage Hotel 1 night in Guestrow visit to Darss half island - natural reserve - SBT plantation and SBT specialities shops there - visit to Stralsund town - back on Saturday evening to Potsdam

* A limited number of tickets is still available



Monday

10:00	Opening ceremony	
11:00	Coffee break	
11:30	13:00	Morning session Chairmen Prof. Lu Rongsen, Prof. Virendra Singh
11:30	Kallio, Heikki keynote lecture	Health Effects of Sea Buckthorn Berries; Research and Strategies at the University of Turku, Finland Research and Strategies at the University of Turku, Finland
	Batool, Farhat	oral administration of sea buckthorn fruit extract attenuates restraint-induced behavioral deficits and hypothalamic serotonergic responses in rats: evidence for an antidepressant-like effects
	Yang, Baoru	Effect sea buckthorn juice and L-quebrachitol on glucose metabolism in db/db mice
	Tyagi, Somprakash	Combination therapy of Seabuckthron seed oil and other ulcer healing medicines for gastric ulcers and erosions in dogs
13:00	Luncheon break	
14:00	17:30	Afternoon session Chairmen Prof. Kallio, Dr. Demidova
14:00	Attrey, Dharam Paul	Efficacy studies of Seabuckthorn based nutraceutical formulation on cognitive functions of healthy human subjects
	Vihaj, Sharma	Effect of feeding seabuckthorn Fruit residue for efficient animals production
	Sharma, Mandeep	Comparative antimicrobial properties of three landraces of seabuckthorn (Hippophae L.) found in India
	Chahota, Rajesh	Studies on antibacterial activities of seabuckthorn (Hippophae L.) leaf extracts against methicillin resistant Staphylococcus aureus (MRSA) field strains.
	Pecenka, Ralf	Harvester and first processing of Seabuckthorn
15:45	Coffee break	
16:15	Heilscher, Karl	Bioactive health properties focusing bioprocessing
	Larmo, Petra	Sea buckthorn oil for vision and mucous membranes – a review
	Kukhorenko, Tatiana	Experiences with a new Seabuckthorn berries processing technology
	Von der Heide, Susanne	Promoting Commercial Plantations of Seabuckthorn in Bhutan: Potentials, Weaknesses and Challenges.
	Utioh, Alphonsus	Seabuckthorn Technology
19:00	Meeting of the ISA board	

Attention – all presenter of the day are requested to visit call room before morning session 9:00-10:00 to check ppt files and presence

Tuesday

9:00	9:30	Awards of the ISA ceremony
9:30	13:00	Morning session Chairmen Prof. Ravi Gupta, Prof. Yang Baoru
09:00	Wähling, Axel	Investigation of leaves from German varieties
	Mörsel, Jörg-Thomas	Differences in SBT between Russian and German varieties
	Rumpunen, Kimmo	Changes in content of major phenols during leaf development of sea buckthorn
	Munkhbayar, D.	Some Phytochemical results of fresh Sea buckthorn (Hippophae rhamnoides. Proteomic analysis to decipher cold traits in seabuckthorn expected
10:30	Coffee break	
11:00	Skuridin, Gennady	Trace elements of sea-buckthorn tissues
	Banerji, Asoke	relating bioactives with isolated compounds in Indian seabuckthorn
	Ravi, Gupta	Proteomic analysis to decipher cold traits in seabuckthorn expected
	Rumpunen, Kimmo	Sweet sea buckthorn (Hippophae rhamnoides L.) – a most realistic breeding goal!
12:30	Luncheon break	
13:30	16:30	Afternoon session Chairmen Prof. Asoke Banerji, Dr. Kimmo Rumpunen
13:30	Seglina, Dalija	Patulin in the sea buckthorn products ready to drink: Preliminary study
	He, Maojun	Study on External Anti-oxidation of Seabuckthorn Fruit Powder
	Zvaigzne, Galina	Health promoting chemical components in Seabuckthorn and Orange mix beverage
	Galitsyn, George	devoted to content of serotonin in sea buckthorn
	Na, Hu	Identification and determination of Fatty Acids from Hippophae rhamnoides L. by a Novel Pre-column Fluorescence Labelling Method Using HPLC-FLD
	McMullin, Bruce	What is happening in the USA with Sea Buckthorn. The USSA - United States Sea Buckthorn Association.
15:30	Coffee break	
16:00	Round table discussion under the organisation of ISA administration	
19:00	Conference dinner	

Attention – all presenter of the day are requested to visit call room before morning session 8:00-9:00 to check ppt files and presence

Wednesday

9:00	12:30	Morning session Chairmen Dr. Moersel, Dr. Lundquist
09:00	Zubarev, Yury keynote lecture	Improvement of sbt propagation technology
	Schroeder, William	Characterization of Canadian Grown Sea Buckthorn Cultivars
	Jensen, Kirsten	Biological treatment of Verticillium and inoculation with nitrogen-binding bacteria in Sea Buckthorn orchards in Sweden.
	Singh, Virendra	New findings on morphological variations and co-relationships of characteristics among various natural populations of seabuckthorn (<i>Hippophae</i> L.) growing in 5 districts of Himachal Pradesh
10:30	Coffee break	
11:00	Höhne, Friedrich	Influence of irrigation and fertilization on yield and ingredients of Seabuckthorn variety Habego
	Kauppinen, Sanna	Sea buckthorn variety trials in Finland
	Moskaliuk, Tatiana	Naturalization of <i>Hippophae rhamnoides</i> L. on the Russian Far East expected
	Kolovos, Stratos	Pest control in SBT fly
	Demidova, Natalia	Sea buckthorn research in the Central and Northern Russia
12:30	Luncheon break	
13:30	16:00	Afternoon session Chairmen Dr. Yury Zubarev, Dr. Seglinas
13:30	Lundquist, Per-Olof	Growth and development of seabuckthorn.
	Shalkevich, Maryna	Results of Seabuckthorn Growing at the Institute for Fruit Growing
	Pokharel, Youba Raj	Dendrochronological Potential of <i>Hippophae tibetana</i> from Nepal Himalaya
	Höhne Friedrich	Verticillium infection of sea buckthorn – variety susceptibility and diagnosis
14:45	Coffee break	
15:15	Zhang, Jike	A new method of Propagation Seabuckthorn Saplings
	Du Junhua	Review of the way for discriminating between female and male individuals on the genus <i>Hippophae</i> (<i>Elaeagnaceae</i>)
	Demidova, Natalia	The potentials and challenges of introducing <i>Hippophae rhamnoides</i> L. to East African Tropical Highlands
16:00	Closing ceremony	

Attention – all presenter of the day are requested to visit call room before morning session 8:00-9:00 to check ppt files and presence

Poster presentations

Monday 10:00 – Wednesday 17:00

Poster No*	Name	Theme of Poster	Session**
1.	Singh Amrit Kumar	Acute & sub-acute toxicity studies of pharmacologically active Seabuckthorn extractExpected	1
2.	Olander Sven	Mechanical harvesting of Seabuckthorn	1
3.	Proorocu Angel	A seabuckttornology handbook for a new global agricultural information and practice circuit	1
4.	Emil Roman	sea-buckthorn fruits processing	1
5.	Chimed Ochir	The research results on Sea buckthorn juice clarification by electro flotation method	1
6.	Kuzmina Arina	Selective Estimation Of Sea Buckthorn Hybrids By Periods Of Florescence And Fruits Ripening	2
7.	Kolpakov Vadim	Experiences with a new Seabuckthorn berries processing technology	2
8.	Skuridin Gennady	The new wasteless way of fresh sea-buckthorn processing	2
9.	Hussain Shah Asad	Research on Sea buckthorn: Current Status and Future Prospects in Sustainable Development and Environmental Conservation for Mountain Areas of Azad Jammu and KashmirKeine Vortragsanmeldung	
10.	Handique Pratap Jyoti	Hippophae resources in North East India and their status and indigenous utilization.	3
11.	Viorel Rati Ioan	Phenotypic and genetic characterization of some Romanian sea buckthorn varieties	3
12.	Sinha Swapan Kumar	Hippophae salicifolia D. Don : a multipurpose plant resource for rural livelihood in wet Himalayas of Arunachal Pradesh, India	3
13.	Dwivedi Sanjai K.	Strategies for Scientific Propagation of Seabuckthorn(Hippopae spp) in India	3
14.	Toivo Univer	The Results of Harvesting the Berries of Common Sea Buckthorn in Estonia	3
15.	Dhaliwal Yadwinder Singh	Methodology for preparation and evaluation of seabuckthorn tea prepared from leaves enrich in nutrients and bioactive substances	4
16.	Avdai Chilhaajav	Experimental research on establishment of main parameters of mechanized of harvesting Sea-buckthorn berries	4
17.	Hellstroem Jarkko	Sea buckthorn leaves and stems – processing waste rich in various phytochemicals	4
18.	You-Rui Suo	Protective Effects of Qinghai Plateau Seabuckthorn(Hippophaea rhamnoides L.) Seed Oil Against CCl4-induced Hepatic Injury in Mice	4
19.	Zhang Fengping	Comparative Study on Chemical Constituents in Seed Oilsof Sea buckthorn , Nitraria tangutorum and L. barbarum in Qinghai-Tibetan Plateau	4

20.	You-Rui	Suo	Study on optimal extraction and physicochemical properties of polysaccharides fractions from Qinghai Plateau Sea buckthorn	5
21.	You-Rui	Suo	Separation and purification processes of Cu/Zn-Superoxide Dismutase(Cu/Zn-SOD) from Qinghai plateau sea buckthorn	5
22.	Shuqi	Dai	Effects of techniques of sand bed and sand table on the survival rate of softwood cutting propagation among seven strains of Hippophae rhamnoides L.	5
23.	Jin	Zhengping	The Study on Drought Impaction to Hybrid Seabuckthorn Growth Process	5
24.	Hu	Jianzhong	Assessment on Seabuckthorn Ecological Project Environmental Resource Value in Sandstone Area During 1999-2008	5

*** You will find this number on the boards, please put your poster there**

**** Poster session**

The Poster session are held during conference breaks.

Poster session 1	Monday, 11:00 – 11:30	Chairman Axel Wähling
Poster session 2	Monday, 15:45 – 16:15	Chairman Thorsten Rocksch
Poster session 3	Tuesday, 10:30 – 11:00	Chairman Ralf Godeck
Poster session 4	Tuesday, 15:00 – 15:30	Chairman Gedeminas Radzevicius
Poster session 5	Wednesday, 10:30 – 11:00	Chairman Yury Zubarev

The chairman / chairwoman will take a short interview with the poster presenters. You are kindly requested to vote for the best poster. The poster award will be given in the closing ceremony.



Technical Remarks

For presenters

- For the lectures we make available to you:
 - beamer (PC is available), which can be used for PowerPoint files,
Files should be submitted by e-mail before conference
- All oral presentations are limited to 15 min followed by 5 min. for discussion
- Keynote lectures are 30 min.

Conference venue

The lectures, meetings and exhibitions are held in the **Biosphere Potsdam**,

Conference address / location:

Biosphere Potsdam
Georg-Hermann-Allee 99
14469 Potsdam

Next Tram Station directly in front of conference venue

Line 96 – station „Bornstedt / Kirschallee“, or

Line 92 – station „Campus Fachhochschule“, by foot 300-400 m along tram track

Conference office

During come together

Sunday, October 13 th 4.00 – 7.00 p.m.

Mercure hotel, Potsdam city center

During conference time

In the main building of the Biosphere

Monday 8:00 – 17:00

Tuesday to Wednesday 8:00 – 17:00

Address for correspondence

ISA 2013 Conference

Infostelle Sanddorn e.V.

Ms. Sylvia Thies

An der Mühle 1

D-15345 Altlandsberg, Germany

FAX: +49(0)-33438-14720

Phone: +49(0)-33438-14724

e-mail: isa2013@sanddorn.net

during conference

FAX: +49(0)-33438-14720

Phone: +49(0)-33438-14714

Conference Proceedings

- Proceedings will be issued as print and pdf version
- You will find a voucher in your conference map. Please indicate and give to conference bureau
- Submission will be accepted on disc, memory cards or sticks or email. Text format should be WinWord (*.doc), Please use font Arial 10pt, headlines 12pt
- The official language of the conference will be English.

General information

Going to Potsdam

Conference venue is Potsdam, a German town near to Berlin.

There are still two International Airports in Berlin (Schönefeld and Tegel) with good connection by plane, train and public traffic.

If you are coming from Schönefeld airport.

Please go to railroad station (5 min by foot), take city train line S9 to City center. Change at station Ostkreuz to a city-train going to city center and change at Friedrichstraße station to S1 to Potsdam

From Tegel airport.

Please take Bus TXL and go to Berlin main railroad station. Take a city-train going to Friedrichstraße station (1 station only) and change at Friedrichstraße station to S1 to Potsdam

From Berlin main railroad station

Take a city-train going to Friedrichstraße station (1 station only) and change at Friedrichstraße station to S1 to Potsdam

In Potsdam

Mostly all Bus and Tram lines are connected to main railroad and city train station. Mercure hotel is 5 min by foot from train station. For other hotels see at hotels internet page or ask at station info point

Going to Potsdam

Weather

We are sorry, but we really do not know exactly what weather we will have. But usually we have in October about 15 to 20 °C day temperature and 10 – 15 °C at night.

Some rain is possible.

Money and currency

Euro is the usual currency. Great hotels and some shops accept foreign currencies. Payment by credit cards is widely accepted.

Cash machines can be found in many places. Bank opening hours are between 9:00 and 15:00 (sometimes 18:00). Travel cheques can be changed on airports, main railroad stations like in Berlin, in bank, sometimes in hotels

Accommodation in Potsdam

Be sure you have booked hotel before travelling.