

International Symposium on Horticulture: Priorities & Emerging Trends
4th to 8th September, 2017

Venue: J. N.Tata Auditorium, N.S.S. Complex, I.I.Sc., Bengaluru-560 012
05.09.2017

Key Note address

Venue: Main Auditorium

Date: 05.09.2017

Time: 9.00-9.45 AM

Dr. K. L. Chadha Former DDG (Hort), ICAR, New Delhi	Global issues in Horticulture- Research and Development
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Technical Session

Session I: Global Scenario (Production, Trade, Marketing, Nutrition & Health issues)

Venue: Main Auditorium

Date: 05.09.2017

Time: 10.00 AM to 1.00 PM

Chairman	Dr. A. K. Singh , DDG (Hort. Sci.), ICAR, New Delhi	
Co- Chairman	Dr. T. Janakiram , ADG (Hort. Sci.), ICAR, New Delhi	
Convener	Dr. H. Ravishankar	
Rapporteurs	Dr. T.M. Gajanana Dr. G.A. Atheequlla	
Invited papers		
Time	Topic	Speakers
10.00-10.30 AM	Research issues in Horticulture	A. K. Singh DDG (Hort. Sci), ICAR, New Delhi
10.30-11.00 AM	Horticulture for Nutritional Security	T. Longvah Director, National Institute of Nutrition (ICMR), Hyderabad
11.00-11.30 AM	Trade, marketing and policy issues in Horticultural crops	P. K. Joshi, Director for South Asia, IFPRI, New Delhi
11.30-12.00 Noon	Export of Horticultural crops: Challenges & Strategies	Devendra Kumar Chairman, APEDA, New Delhi
Oral papers		
12.00- 12.15 PM	Horticulture: Opportunities and Challenges	Mike Nichols, New Zealand
12.15-12.30 PM	Global Food Security and Enhancing Production	Samih Abubaker Al Balqa Applied University, Jordan
12.30- 12.45PM	Condition and perspectives of horticulture development in the South of Russia	Anatoliy Smykov, Russia
12.45-1.00 PM	Horticulture & Health	B. Mandakranta, ICAR-IIHR, Bengaluru
1.00-1.10 PM	Chairman's Remarks	
1.10 -2.00 PM	Lunch Break	

Key Note address

Venue: Main Auditorium

Date: 05.09.2017

Time: 2.00-2.45 PM

Dr. V. Prakash, Former Director, CSIR-CFTRI, Mysuru	Value added products : Opportunities and Challenges
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Technical Sessions

Concurrent Session

Session II: Genetic Improvement - Plant Genetic Resources

Venue: Main Auditorium

Date: 05.09.2017

Time 3.00-5.00 PM

Chairman	Dr. G. L. Kaul, Former VC, AAU, Jorhat	
Co- Chairman	Dr. S. Ganeshan, Former Head , Division of PGR, ICAR-IIHR, Bengaluru	
Convener	Dr. P. E. Rajasekharan	
Rapporteurs	Dr. C. Kanupriya Dr. T. Usha Bharathi	
Invited papers		
Time	Topic	Speakers
3.00-3.20 PM	Conservation and utilization of future fruits	S.B. Dandin, Bioversity International, Bengaluru
3.20-3.40 PM	Priorities, approaches and methods of conservation and utilization of genetic resources of the Western Ghats	R. Vasudev College of Forestry, Sirsi
Oral papers		
3.40-3.50 PM	Studies of diversity of wild and traditional mango genotypes in North-eastern region with morphological and molecular Characterization (A552)	Sukhen Chandra Das College of Agriculture Tripura
3.50-4.00 PM	Crimean autochthonous grape varieties and the effect of using them in breeding (IS7)	Svetlana Levchenko Russia
4.00- 4.10 PM	Assessment of genetic variability for bunch compactness and berry size in grapes (A376)	Roshni R. Samarth ICAR-NRC for Grapes, Pune
4.10 -4.20 PM	Diversification of temperate fruits in Western Himalayas: alternate to climate change (A608)	D.B. Singh CITH, Srinagar
4.20-4.30 PM	NRCC Pummelo -5 :A new pummelo cultivar(A41)	I.P. Singh, ICAR – CCRI
4.30-4.40 PM	Underutilized <i>Allium</i> resources: A substitute to onion & garlic in India (A564)	Vijay Mahajan ICAR-DOGR, Pune,
4.40-4.50 PM	Agro-morphological characterization and genetic divergence studies in garlic germplasm during <i>kharif</i> season (A341)	Ashwini Benke ICAR-DOGR, Pune
4.50-5.00 PM	Exploration of tuber crops in southern districts of Assam (A72)	P. Arun Kumar ICAR-CTCRI, Thiruvananthapuram
5.00-5.10 PM	Discussion and Chairman's Remarks	
5.00-5.30 PM	Poster Presentation	Posters A1-A100

Concurrent Session

Session III - Production Management- Cropping systems

Venue: Seminar Hall -A

Date: 05.09.2017

Time 3.00-5.00 PM

Chairman	Dr. B .M. C. Reddy, Former VC, YSRUHS, AP	
Co Chairman	Dr. Vishal Nath, Director, ICAR-NRC Litchi, Muzaffarpur	
Convener	Dr. J. Sathisha	
Rapporteurs	Dr. G. C. Sathisha Dr. Sujata Nair	
Invited papers		
Time	Topic	Speakers
3.00-3.20 PM	Vertical farming: Potential and scope	Christine Zimmermann-Loessl Chairwoman, International Vertical Farming Association, Germany
3.20- 3.40 PM	Sustainable soil management module in horticulture production system.	A N. Ganeshamurthy ICAR-IIHR, Bengaluru
Oral papers		
3.40-3.50 PM	Crop regulation using chemicals for flowering, fruit set and yield in mango (<i>Mangifera indica</i> L) cv. Alphonso under ultra-high density plantation (A 410)	Gopu, B RVS Agric. college, Thanjavur
3.50-4.00 PM	Leaf litter decomposition and nutrient mineralization in mango, guava and litchi orchards of eastern plateau and hill region of India (A220)	S. K. Naik ICAR-RC for Eastern Region, Ranchi
4.00- 4.10 PM	Standardization of plant species and growing medium for vertical garden system: A new urban horticulture concept (A 555)	S. Rameshkumar Annamalai University, TN
4.10-4.20 PM	Growing Greener Cities: the FAO's Programme on urban and periurban horticulture (IS 12)	Tristan Nondah FAO, Italy
4.20-4.30 PM	Improving planting value of vegetable seeds through seed enhancement (A 64)	V. K. Pandita ICAR-IARI, RS, Karnal
4.30-4.40 PM	Effects of plant density and planting pattern on growth and flowering of tulip cv. Sprying (A18)	D. Hashemabadi Islamic Azad University, Rasht, Iran.
4.40-4.50 PM	Application of pranic agriculture protocol to enhance cucumber production(A 22)	Srikanth N. Jois World Pranic Healing Foundation, Mysuru
4.50-5.00 PM	Discussion and Chairman's Remarks	
5.00- 5.30 PM	Poster Presentation	Posters A1-A100

Session IV - Products and Value addition- Supply chain management

Venue- Seminar Hall –C

Date: 05.09.2017

Time 3.00-5.10 PM

Chairman	Dr. S. P. Ghosh, Former DDG (Hort. Sci.), ICAR	
Co- Chairman	Dr. W.S. Dhillon, ADG (Hort. Sci.), ICAR	
Convener	Dr. H. S. Oberoi	
Rapporteurs	Dr. R. B. Tiwari Dr. K. Ranjitha	
Invited papers		
Time	Topic	speakers
3.00-3.20 PM	Food process engineering in horticultural crops	H. N. Mishra IIT, Kharagpur
3.20- 3.40 PM	Supply chain management	Karthik Jayaram Chennai
3.40-4.00 PM	Pomegranate value chain for sustainable profit and doubling farmers income	Ram Krishna Pal ICAR-NRC on Pomegranate, Solapur
Oral Papers		
4.00- 4.10 PM	Effect of methyl jasmonate on physico-chemical properties of mango fruits cv. Dashehari during cold storage (IS31)	Bharati Khiladi CISH, Lucknow
4.10-4.20 PM	Effect of anti-browning and anti-softening chemicals on quality and shelf life of minimally processed papaya cv. Arka Prabhat (A392)	V.N.P Sivarama Krishna YSRHU, Anantharajupeta
4.20-4.30 PM	Effect of pre-treatments and modified atmosphere packaging on the physico-chemical, microbial, sensorial attributes and postharvest life of minimally processed pomegranate arils cv. Bhagwa stored at 4-8 ⁰ C (A701)	S. S. Dhumal College of Agriculture, Kolhapur
4.30-4.40 PM	CFB box wrapping of vegetables- a new shrink wrapping technology (A19)	D. V. Sudhakar Rao ICAR-IIHR, Bengaluru
4.40-4.50 PM	Eco friendly packages for freshness retention and shelf life extension of tuberose flower (A579)	S.Bhuvanewari ICAR-IIHR,Benguluru
4.50-5.00 PM	Effect of various packaging material on shelf life and quality of tuberose (<i>Polianthes tuberosa</i> L.) (A641)	Rahul S. Yadav ICAR-DFR, Pune
5.00-5.10PM	Discussion and Chairman's Remarks	
5.00- 5.30 PM	Poster Presentation	Posters A1-A100

Concurrent Session

Session V: Biotic Stress Management- Insect pests

Venue: Seminar Hall-B

Date: 05.09.2017

Time 3.00-5.00 PM

Chairman	Dr. H C Sharma, VC, YSPUHF, Solan	
Co Chairman	Dr. Nirmal Babu, Director, ICAR-IISR, Kozhikode	
Convener	Dr. A. K. Chakravarthy	
Rapporteurs	Dr. V. Sridhar Dr. N.R. PrasannaKumar	
Invited papers		
Time	Topic	Speakers
3.00-3.20 PM	Crop Pest modelling and forecasting.	Subhash Chander IARI, New Delhi
3.20 -3.40 PM	Integrated Pest Management in horticultural crops: future challenges	P.D. Kamala Jayanthi ICAR- IHR Bengaluru
3.40- 4.00 PM	Pollination in Horticultural Crops	S. Ramani Bengaluru
Oral papers		
4.00- 4.10 PM	An innovative organic formulation for management of mango stem borer <i>Batocera rufomaculata</i> De Geer (Coleoptera: Cerambycidae) (A568)	N. Bakthavatsalam ICAR- NBAIR Bengaluru
4.10-4.20 PM	Bio-efficacy of newer insecticides molecules against Tortricid complex of mango fruit borers (A280)	Gundappa ICAR- CISH, Lucknow
4.20-4.30 PM	Management of sucking insect pests in grape (A168)	N. D. Sunitha College of Agric., Vijayapura
4.30-4.40 PM	First report of <i>Artocarpus heterophyllus</i> and <i>Artocarpus altilis</i> hosts of <i>Epepeotes uncinatus</i> Gahan, 1888 (Coleoptera: Cerambycidae) from Kerala. (A168)	Gavas Ragesh KAU, Thrissur
4.40-4.50 PM	Host Plant Resistance Study in Indian Cherry (<i>Cordia myxa</i> L.) against <i>Dictyla cheriani</i> Drake (Hemiptera: Tingidae) in Arid Region of Rajasthan (A424)	Shravan M. Haldhar ICAR-CIAH, Bikaner
4.50-5.00 PM	Foraging activity and nesting behaviour of <i>Braunsapis picitarsus</i> (Apidae: Hymenoptera), a key pollinator of cashew (A646)	K. Vanitha, ICAR- DCR,Puttur
5.00 -5.10 PM	Discussion and Chairman's Remarks	
5.00-5.30 PM	Poster presentation	A1-A100

Workshop

Venue: Main Auditorium Date : 05.09.2017 Time : 5.30-6.30 PM

Conservation technologies- <i>in situ</i> , <i>ex-situ</i> , on-farm, complimentary approaches	Speaker: Dr. Ramanath Rao	Panellists: Dr. K.V. Peter Dr. S. Uma	Convener: Dr. M.V. Dhananjaya
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