

Programme



International Potato e-Conference

New Paradigms in Food Security and Industrial Applications

23-26 November,
2021



Organizers



Overview

Zoom Link (B):

<https://us02web.zoom.us/j/88583805110?pwd=MTFYelpMQTlrYXdjZUE2aG5EdmlvZz09>

Chief Guest	Dr T Mohapatra Secretary, DARE & DG, ICAR, New Delhi
Guest of Honour	Dr. Barbara Wells DG, CIP
Guest of Honour	Dr. Sam Mohanty Regional Director, CIP, Asia
Preside over	Dr. A.K. Singh DDG (HS), ICAR
Guest of Honour	Dr. Parvinder Kaushal VC, YSPUHF, Solan
Guest of Honour	Prof. H.K. Chaudhary, VC, CSKHPKV, Palampur
Convener	Dr. N.K. Pandey Director, ICAR-CPRI
Co-Convener	Dr. B.K Pandey ADG (HS-II)
Co-Convener	Dr Vikramaditya Pandey ADG (HS-I)
Co-Convener	Dr Vinay Bhardwaj PS, ICAR-CPRI
Co-Convener	Dr Dalamu Sr. Scientist, ICAR-CPRI

Session–I: Plant Genetic Resources, Omics and Translational Research

Day 1 (23 November, 2021)

12:00-15:20 hrs IST

Zoom Link (A):

<https://us02web.zoom.us/j/84994756987?pwd=Z1JkRSs3MlVFNlNlYnhRTHNHVVdQT09>

Chair	Dr. P.L. Gautam Former Chairperson, PPV&FRA	
Co-chair	Dr. S.K. Pandey Former Director, ICAR-CPRI	
Convener	Dr. Vinay Bhardwaj PS, ICAR-CPRI Shimla	
Co-conveners	Dr. Jagesh Tiwari Sr. Scientist, ICAR-CPRI, Shimla	
	Dr. Ajay Thakur Sr. Scientist, ICAR-CPRI, Shimla	
Speakers	Name and Affiliation	Topic
	Dr. Jeffery Endelman University of Wisconsin-Madison USA	Prospect of genetic gain and genomic selection in potato
	Dr. Christian Bachem Wageningen University, Netherland	The potato pangenome: Linking haplotype diversity to trait biology for future breeding success
	Mr. Ernst Jan-Eggers Wageningen University, Netherland	Map-based cloning and functional characterization of the S-locus inhibitor (Sli) to facilitate precision breeding in potato
	Dr. Mark Taylor The James Hutton Institute, Scotland	Genomics approaches to improving potato tuber development and quality traits
	Dr. Vinay Bhardwaj ICAR-CPRI, Shimla	New paradigms in Indian potato breeding

Session–II: Advances in Potato Breeding & Seed Research

Day 1 (23 November, 2021)

15:20-19:00 hrs IST

Zoom Link (B):

<https://us02web.zoom.us/j/88583805110?pwd=MTFYelpMQTlrYXdjZUE2aG5EdmlvZz09>

Chair	Dr. K.R. Dhiman Former VC, YSPUHF, Solan	
Convener	Dr. Salej Sood Sr. Scientist, ICAR-CPRI Shimla	
Co-conveners	Dr. Ashwani Sharma Pr. Scientist, ICAR-CPRI, Shimla	
	Dr. S. Sundaresha Sr. Scientist, ICAR-CPRI, Shimla	
Speakers	Name and Affiliation	Topic
	Dr. Salej Sood ICAR-CPRI, Shimla	Accuracy and responses of genomic selection on key traits in potato breeding
	Dr. Sanjeev Sharma The James Hutton Institute, Scotland	Genetic and genomic approaches to understanding tuber dormancy and sprout growth in potato
	Dr. Jorge Andrade Piedra CIP, Peru	New approaches to understand and improve potato seed systems
	Dr. Moctor Kante CIP, Peru	Genomics assisted breeding for disease resistance in potatoes
	Oral Presentations for session I and II	

Session–III: Novel Strategies for Biotic Stress Management

Day 2 (24 November, 2021)

09:00-12:40 hrs IST

Zoom Link (B):

<https://us02web.zoom.us/j/88583805110?pwd=MTFYelpMQTlrYXdjZUE2aG5EdmlvZz09>

Chair	Dr. S.K. Chakrabarti VC, UBKV, West Bengal	
Co-chair	Dr. B.K. Pandey ADG, HS-II	
Convener	Dr. Sanjeev Sharma Pr. Scientist, ICAR-CPRI Shimla	
Co-conveners	Dr. Vinay Sagar Pr. Scientist, ICAR-CPRI, Shimla	
	Dr. Rahul Kumar Tiwari Scientist, ICAR-CPRI, Shimla	
Speakers	Name and Affiliation	Topic
	Dr. Hector Lozoya Mexico	Wild solanum species and late blight resistance
	Dr. V. Sathuvalli Oregon State University, USA	Application of genomic tools in breeding for resistance to soil borne diseases
	Dr. Yogesh.Mohite Bayer Crop Science Ltd.	New chemistry molecules in management of pest and disease in potato
	Dr. Jennie Brierley The James Hutton Institute, Scotland	Epidemiology and control of soil-borne diseases of potato
	Oral Presentations	

Session-IV: Precision Agriculture and Climate Change

Day 2 (24 November, 2021)

16:00-20.10 hrs IST

Zoom Link (A):

<https://us02web.zoom.us/j/84994756987?pwd=Z1JkRSs3MlVFNlNYanhRTHNHhVVDQT09>

Chair	Dr. Himanshu Pathak Director, NIASM, Baramati	
Co-chair	Dr. Vikramaditya Pandey ADG, HS-I	
Convener	Dr. V.K. Dua Pr. Scientist, ICAR-CPRI Shimla	
Co-conveners	Dr. Jagdev Sharma Pr. Scientist, ICAR-CPRI, Shimla	
	Dr. Anil K. Choudhary Sr. Scientist, ICAR-CPRI, Shimla	
Speakers	Name and Affiliation	Topic
	Dr. V.K. Dua Pr. Scientist, ICAR-CPRI Shimla	Climate change impact in potato: Indian scenario
	Dr. Himanshu Pathak Director, NIASM, Baramati	Climate change vis-à-vis climate-smart agriculture as an adaptation and mitigation strategy to climate change
	Dr. V.S. Santhosh Mithra ICAR-CTCRI, Kerala	Artificial Intelligence based Smart Farming for a Smart Future
	Dr. David Ramirez CIP, Peru	Proximal and remote sensing applications for sustainable potato production: Experiences from the International Potato Center
	Dr. Sindhuja Sankaran WSU, USA	Sensing for phenotyping and precision agriculture applications to promote sustainable potato production
	Oral Presentations	

Session-V: Physiological Interventions for Post-Harvest Management

Day-3: 25 November 2021

09:00-12:40 hrs IST

Zoom Link (B):

<https://us02web.zoom.us/j/88583805110?pwd=MTFYelpMQTlrYXdjZUE2aG5EdmlvZz09>

Chair	Dr. Bijendra Singh VC, NDU&T, Faizabad	
Co-chair	Dr. Ashiv Mehta Former PS, ICAR-CPRI, Jalandhar	
Conveners	Dr. Brajesh Singh PS & Head, CPB & PHT, ICAR-CPRI, Shimla	
Co-Conveners	Dr. Milan Kumar Lal Scientist, CPB & PHT, ICAR-CPRI, Shimla	
	Dr. Dharmendra Kumar Scientist, CPB & PHT, ICAR-CPRI, Shimla	
Speakers	Name and Affiliation	Topic
	Dr. Gabriela Burgos CIP, Peru	Biofortified potato to contribute to reduce malnutrition
	Dr. Vipul Saran Farther Farms, Cornell, USA	Postharvest management and value addition of potatoes
	Dr. Sastry S. Jayanty Colorado State University, USA	Postharvest physiology and biochemistry of potatoes
	Dr. Brajesh Singh PS & Head, ICAR-CPRI, Shimla	Postharvest Management in potato: Indian Perspective
	Oral Presentations	

Session-VI: Social Sciences and Extension Technology

Day 3: 25 November 2021

12:00-13:00 hrs IST

Zoom Link (A):

<https://us02web.zoom.us/j/84994756987?pwd=Z1JkRSs3MlVFNlNYanhRTHNHVVVDQT09>

Oral Presentations

Workshop

Day-3: 25 November 2021

14:00-17:00 hrs IST

Zoom Link (B):

<https://us02web.zoom.us/j/88583805110?pwd=MTFYelpMQTlrYXdjZUE2aG5EdmlvZz09>

Chair	Dr. B.P. Singh , Former Director, ICAR-CPRI, Shimla
Conveners	Dr. Sanjeev Sharma PS, Plant Protection, ICAR-CPRI, Shimla
Co-conveners	Dr. Tanuja Buckseth Scientist, CI & ST, ICAR-CPRI, Shimla
	Dr. Aarti Bairwa Scientist, Plant Protection, ICAR-CPRI, Shimla
	Speakers
	Dr. Sam Mohanty , Regional Director, CIP Asia
	Dr. Manish Das , Principal Scientist, Hort Science Division, ICAR
	Dr. Venkat Krishnan , ITC R&D, Bengaluru
	Dr. Mark Heap , Simplot Australia
	Mr. Tarun Gangwal , Simplot, India
	Dr. Rahul Chaturvedi , Pepsico
	Mr. Sandip Thakker , S.K. Cold Storage, Gujarat
	Mr. Sanjay Shah , Advait Agrotech Pvt Ltd., Gujarat
	Mr. Jaideep Bhatia , UPL, India
	Mr. Sukhjit Singh Bhatti , Bhatti Agritech Pvt. Ltd., Jalandhar
	Mr. Mohammad Faruk , All Round Vegetable Processing, India
	Mr. Davinder Dosanjh , Mahindra HZPC, Mohali
	Mr. Abinash Gupta , McCain India
	Open discussion and remarks by the chair

Foundation Day and Concluding Session

Day-4: 26 November 2021

10:00-14:00 hrs IST

Zoom Link (B):

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Chief Guest	Dr. A.K. Singh DDG (HS), ICAR
Guest of Honour	Dr. B.P. Singh Former Director, ICAR-CPRI, Shimla
Guest of Honour	Dr. K.V. Raman Research Professor, Cornell University
Guest of Honour	Dr. Ian Barker Program Director, CIP, Switzerland
Preside over	Dr. N.K. Pandey Director, ICAR-CPRI, Shimla
Conveners	Drs. Vinay Bhardwaj/ Vinod Kumar/ Sanjeev Sharma
	Presentation of proceedings of each session by conveners
	Award ceremony
	Concluding remarks by Chief Guest
	Vote of thanks by Dr. Vinay Bhardwaj

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