

# HTPG Workshop on Forward Breeding for Accelerated Crop Improvement

**November 28-30, 2016**

ICRISAT, Patancheru,  
Telangana, India

## Technical Program

(Draft)

**Day 1 – Monday, November 28, 2016**

**(Venue: Ralph W Cummings Auditorium)**

08:00–08:30 Registration (Near Auditorium) Archana B/Jyotsna G

### Session I Inaugural

[08:30–10:00]

08:30–08:40 Welcome and About the Workshop Rajeev Varshney  
08:40–09:00 Inaugural Address David Bergvinson  
09:00–09:30 Strategy for Genetic Gains and BMGF Perspective Gary Atlin  
09:30–10:00 Overview on HTPG Project in Context of Genetic Gains Rajeev Varshney

### 10:00–10:30 Group Photo and Coffee Break

10:30–12:00 Industry Perspectives on Forward Breeding  
10:30–11:00 Pioneer Dindo Tabanao  
11:00–11:30 Syngenta Harish Gandhi  
11:30–12:00 Bayer Yog Raj

### 12:00–13:00 Lunch Break

### Session II HTPG Update & Center-wise Breeding Strategy

[13:00–15:00] **Chair : Michael Olsen**

13:00–13:30 HTPG Project Update Eng Hwa Ng  
13:30–14:00 CIMMYT – Wheat Breeding Strategy and Use of  
Molecular Technologies Susanne Dresigacker  
14:00–14:30 IRRI – Rice Breeding Strategy and Use of  
Molecular Technologies Joshua Cobb  
14:30–15:00 AfricaRice – Rice Breeding Strategy and Use of  
Molecular Technologies Venuprasad Ramaiah

### 15:00–15:30 Coffee Break

### Session III HTPG Update & Center-wise Breeding Strategy (Contd...)

[15:30–17:00] **Chair : Himabindu Kudapa**

15:30–16:00 ICRISAT – Groundnut Breeding Strategy and Use of  
Molecular Technologies Patrick Okori  
16:00–16:30 ICRISAT – Chickpea Breeding Strategy and Use of  
Molecular Technologies Pooran Gaur  
16:30–17:00 CIMMYT – Maize Breeding Strategy and Use of  
Molecular Technologies Michael Olsen

**18:30 Welcome Dinner @ IMOD Plaza, ICRISAT**

## Day 2 – Tuesday, November 29, 2016

(Venue: Ralph W Cummings Auditorium)

### Session IV HTPG Update & Center-wise Breeding Strategy (Contd...)

[08:30–10:00]

Chair : Manish Roorkiwal

08:30–09:00	CIAT – Bean and Cassava Breeding Strategy and Use of Molecular Technologies	Bodo Raatz
09:00–09:30	IITA – Cowpea and Cassava Breeding Strategy and Use of Molecular Technologies	Melaku Gedil
09:30–10:00	CIP – Potato and Sweet Potato Breeding Strategy and Use of Molecular Technologies	Hannele Lindqvist-Kreuze

### 10:00–10:30 Coffee Break

### Session V Logistics-1

[10:30–12:00]

Chair : Tobias Kretzschmar

10:30–11:00	Integration of Breeding Experiments to Genotyping (BMS):	Abhishek Rathore
11:00–11:30	Integration with GOBII	Elizabeth Jones
11:30–12:00	IRRI Perspective on INTERTEK Genotyping	Tobias Kretzschmar

### 12:00–13:00 Lunch Break

### Session VI Logistics-2

[13:00–15:00]

Chair : Tobias Kretzschmar

13:00–14:00	Sampling Logistics – Manyara Biotech	Bryan Zhong
14:00–15:00	HTPG Testing at INTERTEK – in Practice	Patrik Stolt et al.

### 15:00–15:30 Coffee Break

### Session VII Breakout Sessions

[15:30–17:00]

Chair : Eng Hwa Ng

1. Marker Validation (Field + Lab)
2. Marker Data Interpretation and Use in Breeding Programs
3. Logistics Needs

## Day 3 – Wednesday, November 30, 2016

(Venue: CF Bentley Conference Center, 212 Building)

08:30–09:30	Summary – Breakout Sessions	Rajeev Varshney
09:30–12:30	Crop Breeding Sessions [11:00–11:30 Coffee Break]	

### 12:30–13:30 Lunch Break

### Session VIII Summary and Wrap-Up

13:30–15:00

Summary – Crop Breeding Sessions

15:00–15:30

Remarks from Lead Centers [10 minutes each]

→ CIMMYT

→ IRRI

→ ICRISAT

Michael Olsen  
Tobias Kretzschmar  
Rajeev Varshney

### 15:30–16:00 Coffee Break

16:00–16:15

Closing Remarks

Peter Carberry

16:15–16:30

Vote of Thanks

Eng Hwa Ng