

<b>Chair/Resource Person</b>	<b>Theme</b>	<b>Program/presentation</b>	<b>Time</b>	<b>Duration</b>
<b>Sunday 1st June</b>				
Kamau Kimani	Registration	Registration	All Day	
Kamau Kimani	Registration	Cocktail	18:00-19:00	60
Kamau Kimani	Registration	Dinner	17:00-21:00	120
<b>Monday 2nd June</b>				
Yunbi Xu	Introduction	Welcome	09:00-09:10	10
Yunbi Xu	Introduction	Participants Introduction	09:10-09:20	10
Kamau Kimani	Introduction	Logistics	09:20-09:30	10
CIMMYT/BecA KARI representative	Introduction	Objectives of the Workshop	09:30-10:00	30
Kamau Kimani	Official Opening	Opening	10:00-10:20	20
Yunbi Xu	Photo Session	Photo	10:20-10:40	20
Yunbi Xu	Lecture 1	Overview of molecular breeding	10:50-12:20	90
Sarah Hearne Jedidah Danson/Sarah Hearne/BecA	Lecture 2	Molecular markers and genotyping systems	14:00-17:00	180
	Lecture and Demo I	DNA extraction and PCR	19:00-20:30	90
<b>Tuesday 3rd June</b>				
Jianbing Yan	Lecture 3	Genetic diversity analysis: theory	08:30-10:30	120
Sarah Hearne/Yunbi Xu	Lecture 4	Genetic maps and marker-trait association –how agronomic traits can be mapped	10:40-12:20	100
Yunbi Xu	Lecture 5	Marker-assisted breeding - theoretical issues	14:00-15:20	80
Gary Atlin/Jedidah Danson	Lecture 6	Marker-assisted selection – practical applications	15:30-17:30	120
Jianbing Yan	Lecture and Demo II	Genetic diversity analysis: software and demo	19:00-21:00	120
<b>Wednesday 4th June</b>				
Trushar Shah Yunbi Xu/Gary Atlin/Jianbing Yan	Lecture and demo III	Breeding informatics (data collection, data management, data mining)	08:30-12:00	210
	Lecture and demo IV	Data analysis and utilization for MAS and breeding	13:30-17:00	210
<b>Thursday 5th June</b>				
Gary Atlin/Yunbi Xu	Activity I	Designing a real molecular breeding program	08:30-10:00	90
Gary Atlin/Yunbi Xu	Activity II	Prioritizing target traits and donor germplasm	10:10-12:00	110
Gary Atlin/Yunbi Xu	Activity III	Planning on population development and collection of the target populations	13:30-15:30	120
Gary Atlin/Sarah Hearne	Activity IV	Developing strategies for phenotyping and multi-environment trials (1)	15:40-17:30	110
<b>Friday 6th June</b>				

Gary Atlin/Sarah Hearne	Activity IV	Developing strategies for phenotyping and multi-environment trials (2)	08:30-10:30	120
Humberto Gomez/Yunbi Xu	Activity V	Genotyping support systems (including sampling, packaging, shipping)	10:40-12:00	80
Sarah Hearne/Jedidah Danson	Activity VI	Course evaluation and discussion	13:30-15:00	90
CIMMYT/BecA	Closing	Wrap up session and graduation	15:10-16:30	80
<b>Saturday 7th June</b>				
Yunbi Xu/Gary Atlin/Sarah Hearne/Humberto Gomez	Open session	Discuss / troubleshooting of any workshop topics and issues brought up by participants	09:00-12:00	180