



Chairs - Wendy Harwood, John Innes Centre, *United Kingdom*;

Kevin Smith, University of Minnesota, *United States*

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|--------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 15:30 -
16:00 | Dr. Jochen Kumlehn ,
IPK Gatersleben, <i>Germany</i> | Site-directed genome modification in
barley - methods and applications |
| 16:00 -
16:20 | Julian Garcia-Maldonado
ICARDA-CGIAR, <i>Spain</i> | Genomic-assisted sparse multi-location
testing to increase genetic gain in barley. |
| 16:20 -
16:40 | Tom Lawrenson and Wendy
Harwood
John Innes Centre, <i>United
Kingdom</i> | New tools for barley genome editing. |
| 16:40 -
17:00 | Alan Schulman
Natural Resources Institute
Finland (Luke) & University of
Helsinki, <i>Finland</i> | Current status and future prospects for
NBT regulation in Europe. |