



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

**Kevin Smith**, University of Minnesota, *United States*

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