

<b>JULY 2021 – CPD associated with Genetics of Cattle</b>	
<p><b>Monday 26 July</b> 9.00 am – 12.30 pm</p> <p>1.30 pm – 5.00 pm</p>	<p><b>Overview of the importance of animal breeding</b></p> <ul style="list-style-type: none"> <li>• Introduction to Animal Breeding</li> <li>• Qualitative v. Quantitative Genetics</li> <li>• Breeding values. How to read a bull's proof</li> </ul> <ul style="list-style-type: none"> <li>• Factors affecting the rate of genetic improvement</li> <li>• Mating Systems</li> </ul> <p><b>Speaker</b> Prof G Oikonomou, University of Liverpool</p>
<p><b>Tuesday 27 July</b> 9.00 am – 1.00 pm</p> <p>2.00 pm – 5.00 p.m.</p>	<p><b>Linear assessment. Genetic &amp; environment interactions</b></p> <ul style="list-style-type: none"> <li>• Linear assessment. Practical use of new reproductive technologies</li> <li>• Bull and dam selection (Webmate). Screening for defects</li> </ul> <p><b>Speakers</b> Meurig James/Darren Todd, Holstein UK</p> <ul style="list-style-type: none"> <li>• What are the right genetics for milk-from-grass?</li> <li>• Genetic &amp; environment interaction</li> </ul> <p><b>Speaker</b> Dr Donagh Berry, Teagasc, County Cork</p>
<p><b>Wednesday 28 July</b> 9.00 am – 1.30 pm</p> <p>2.15 pm – 5.00 pm</p>	<p><b>Genetics for the future</b></p> <ul style="list-style-type: none"> <li>• The “Robust” cow</li> <li>• Discussions: Genetic selection in the dairy industry. Breeding for fertility and use of physiological indicators. Practical impact of breeding indices.</li> </ul> <ul style="list-style-type: none"> <li>• Overview of breeding objectives in different countries (beef and dairy)</li> </ul> <p><b>Speakers</b> Prof M Coffey, SRUC Prof G Oikonomou, University of Liverpool</p>
<p><b>Thursday 29 July</b> 9.00 am – 11.00 am</p> <p>2.00pm – 5.00 pm</p>	<p><b>Beef Genetics and Practical Genetic Selection</b></p> <ul style="list-style-type: none"> <li>• Commercial beef breeding schemes in action</li> <li>• Discussion on beef genetics</li> </ul> <p><b>Speaker</b> Mr Sion Parry</p> <ul style="list-style-type: none"> <li>• Genetic markers. Marker assisted breeding</li> <li>• Genomic selection</li> </ul> <p><b>Speaker</b> Mr M Winters, AHDB</p>
<p><b>Friday 30 July</b> 10.30 – 1.00 pm</p>	<p><b>Practical genetic selection in the USA</b></p> <ul style="list-style-type: none"> <li>• Genomic selection in the USA</li> </ul> <p><b>Speaker</b> Dr G Wiggans, USCDCB, USA</p>
<b>BOOKING FORM ATTACHED</b>	