

All times in the programme are BST

	Day 1 – Monday 27.06.2022	Day 2 –Tuesday 28.06.2022	Day 3 – Wednesday 29.06.2022	Day 4 – Thursday 30.06.2022	Day 5 – Friday 01.07.2022
8:45-9:00	<b>Welcome &amp; introductions</b>				
Teaching 9.00-10.00	<b>LECTURE 1a</b> <i>Prof Krista Fischer</i> Introduction to statistics for geneticists (part I)	<b>LECTURE 4</b> <i>Prof Reedik Mägi</i> Quality Control (QC) for GWAS	<b>LECTURE 6</b> <i>Prof Inga Prokopenko</i> Association analysis	<b>LECTURE 8</b> <i>Prof Inga Prokopenko</i> Imputation of GWAS	<b>LECTURE 11</b> <i>Prof Krista Fischer</i> Genetic risk scores, Mendelian Randomization
Tea/Coffee Break 10.00-10.15					
Teaching 10.15-11.15	<b>LECTURE 1b</b> <i>Prof Krista Fischer</i> Introduction to statistics for geneticists (part II)	<b>COMPUTER WORKSHOP 3</b> <i>Ms Liudmila Zudina</i> QC for GWAS	<b>COMPUTER WORKSHOP 4</b> <i>Ms Liudmila Zudina</i> Association analysis	<b>COMPUTER WORKSHOP 6</b> <i>Prof Reedik Mägi</i> Imputation of GWAS	<b>INVITED LECTURE</b> <i>Dr Amélie Bonnefond</i> GWAS and post-GWAS era in type 2 diabetes
Bio-break 11.15-11.30					
Teaching 11.30-12.30	<b>LECTURE 2</b> <i>Dr Ayşe Demirkan and Mr Igor Pupko</i> Introduction to Unix and R	<b>COMPUTER WORKSHOP 3</b> <i>Ms Liudmila Zudina</i> QC for GWAS	<b>COMPUTER WORKSHOP 4</b> <i>Ms Liudmila Zudina</i> Association analysis	<b>LECTURE 9</b> <i>Prof Andrew P. Morris</i> Meta-analysis of GWAS	<b>LECTURE 11</b> <i>Prof Krista Fischer</i> Genetic risk scores, Mendelian Randomization
<b>LUNCH 12.30-13.30</b>			Group photo/screenshot		Course certificates & feedback forms
Teaching 13.30-14.30	<b>COMPUTER WORKSHOP 1</b> <i>Dr Ayşe Demirkan and Mr Igor Pupko</i> Introduction to Unix and R	<b>LECTURE 5</b> <i>Prof Krista Fischer</i> Statistical models for genetic association analysis	<b>LECTURE 7</b> <i>Prof Andrew P. Morris</i> Population structure	<b>COMPUTER WORKSHOP 7</b> <i>Ms Liudmila Zudina</i> Meta-analysis of GWAS	<b>COMPUTER WORKSHOP 9</b> <i>Prof Krista Fischer &amp; Prof Reedik Mägi</i> Genetic risk scores, Mendelian Randomization
Bio-break 14.30-14.45					
Teaching 14.45-15.45	<b>LECTURE 3</b> <i>Dr Marika Kaakinen</i> Introduction to GWAS	<b>LECTURE 5</b> <i>Prof Krista Fischer</i> Statistical models for genetic association analysis	<b>COMPUTER WORKSHOP 5</b> <i>Prof Andrew P. Morris</i> Population structure	<b>LECTURE 10</b> <i>Prof Andrew P. Morris</i> Analysis of rare variants	<b>LECTURE 12</b> <i>Dr Ayşe Demirkan</i> Fine-mapping and functional follow-up of GWAS
Tea/Coffee Break 15.45-16.00					
Teaching 16.00-17.00	<b>COMPUTER WORKSHOP 2</b> <i>Dr Marika Kaakinen</i> Introduction to GWAS	<b>INVITED LECTURE</b> <i>Dr Felix Day</i> Using genetics to understand reproductive timing	<b>COMPUTER WORKSHOP 5</b> <i>Prof Andrew P. Morris</i> Population structure	<b>COMPUTER WORKSHOP 8</b> <i>Dr Marika Kaakinen</i> Analysis of rare variants	<b>COMPUTER WORKSHOP 10</b> <i>Dr Ayşe Demirkan</i> Fine-mapping and functional follow-up of GWAS
17.00-18.00					<b>Q&amp;A SESSION &amp; COURSE CLOSURE</b>