

<https://surrey-ac.zoom.us/j/96492031805?pwd=SkN6ZDVDLzR3bFZ6RkFwNWdGMHFoZz09>

**MEETING ID: 964 9203 1805**

**PASSCODE: 472741**

**All times in the programme are GMT**

	Day 1 – Monday 23.01.2023	Day 2 –Tuesday 24.01.2023	Day 3 – Wednesday 25.01.2023	Day 4 – Thursday 26.01.2023	Day 5 – Friday 27.01.2023
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>INVITED LECTURE</b> <i>Prof Philippe Froguel</i> GWAS for T2D and metabolic health - the discovery is in the detail	<b>LECTURE 8</b> <i>Prof Inga Prokopenko</i> Imputation of GWAS	<b>INVITED LECTURE</b> <i>Prof Andres Metspalu</i> From biobanking to personal medicine
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>LECTURE 11</b> <i>Prof Krista Fischer</i> Genetic risk scores, Mendelian Randomization
Bio-break 11.15-11.30					
Teaching 11.30-12.30	<b>LECTURE 2</b> <i>Dr Ayşe Demirkan</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>					
			<i>Group photo/screenshot</i>		<i>Course certificates &amp; feedback forms</i>
Teaching 13.30-14.30	<b>COMPUTER WORKSHOP 1</b> <i>Dr Ayşe Demirkan</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>LECTURE 6</b> <i>Prof Inga Prokopenko</i> Association analysis	<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>