DATAETHICS SUMMER SCHOOL 2021

Big Data, Big Implications:

The Ethics of Artificial Intelligence in Biomedicine

PROGRAMME

Time (CET)	Monday, 12 July	Tuesday, 13 July	Wednesday, 14 July	Thursday, 15 July	Friday , 16 July
9:00 - 10:00	9:30 - Registration	S1. Clinical Requirements of AI *Discussion (30 minutes)*	S5. Machine Learning Introduction Discussion (30 minutes)	S9. Responsible innovation: ethical and moral boundaries Discussion (30 minutes)	Student Working Group
10:00 - 11:00	10:00 - Registration continues 10:20 -Welcome	S2. Ethics of Learning Healthcare Systems (focused on AI) Discussion (30 minutes)	S6. Explainable and interpretable AI for transparent clinical decision making *Discussion (30 minutes)*	S10. Statistical significance in a Big Data world Discussion (30 minutes)	Closing Key Note **Ethics on AI and Big Data** Discussion (15 minutes)
11:00 - 11:20	break	break	break	break	break
11:20 - 12:20	Opening Key Note **Trustworthiness of AI systems for Healthcare and Biomedical Research** *Discussion (15 minutes)*	S3. Informed Consent & Data Access *Discussion (30 minutes)*	S7. Fairness in AI Discussion (30 minutes)	S11. An Introduction to Data Ethics and Data Protection Legislation in Health Research & Biobanking Discussion (30 minutes)	Student presentations and feedback
12:20 - 13:20	VAKE introduction for students	S4. Data Security *Discussion (30 minutes)*	S8. How to validate AI and assess risk Discussion (30 minutes)	Open discussion on the case story Student Working Group	
13:20 - 14:00	lunch	lunch	lunch	lunch + video testimonial filming	lunch + video testimonial filming
14:00 - 15:30	**Case Story presentation** Mobile application for skin lesion assessment	Introduction to group exercice **Student Working Group**	World Café exercise	Student Working Group	Student presentations continues
15:30 -15:50	break				break
15:50 - 16:30	VaKe introduction for trainers				**Concluding remarks and guidelines for the virtaul collaboration.** **Survey-evaluation.** **Good-bye!!**
17:00 - 18:30		social activity			