Hamlyn Winter School 2023 Programme

	Monday 04/12	Tuesday 05/12	Wednesday 06/12	Thursday 07/12	Friday 08/12
09:00 - 09:45	Registration & Introduction	**Christos Bergeles** *Development of an Image-Guided Vitreoretinal Surgery Robot*	**Tom Vercauteren** *Machine learning for computer-assisted neurosurgery*	Industry Talk: **Medtronic / Mohammadi, Rahim**	**Sotiris Tsaftsaris** *Title TBC*
9:45 - 10:30	Clinical talk: **Nisha Patel**			Clinical Talk: **Johann Henckel**	
10:30 - 11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 - 11:45	Industry Talk: **NVIDIA / Jonny Hancox** *10 ways MONAI can accelerate your work*	**José M Martínez Montiel** *Visual SLAM in Colonoscopy*	**Lena Maier Hein** *Beyond the visible: Challenging common practice in surgical data science*	**Wenjia Bai** *Building a Digital Heart Model from Population Imaging Data*	**Matina Giannarou** *Cognitive Vision in Robotic Surgery*
11:45 - 12:30	**NVIDIA** Tutorial on AI computing platforms - **Mikael Brudfors**				
12:30 - 14:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
14:00 - 14:45	**Pierre Jannin** *Title TBC*	**Dan Elson** *Surgical Imaging and Endoscopy*	Hands-on Session	Group Project	Group Project
14:45 - 15:30			Hands-on Session	Group Project	Group Project
15:30 - 16:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Project Evaluation
16:00 - 16:45	**Evans Mazomenos** *Optimising the delivery of interventional healthcare with surgical data science*	Clinical Talk: **Matthieu Komorowski**	Hands-on Session	Group Project	Project Evaluation
16:45 - 17:30		Industry Talk: **Moon Surgical / Menglong Ye**	Hands-on Session	Group Project	Closing Ceremony
19:00 - 22:00		Winter School Dinner			