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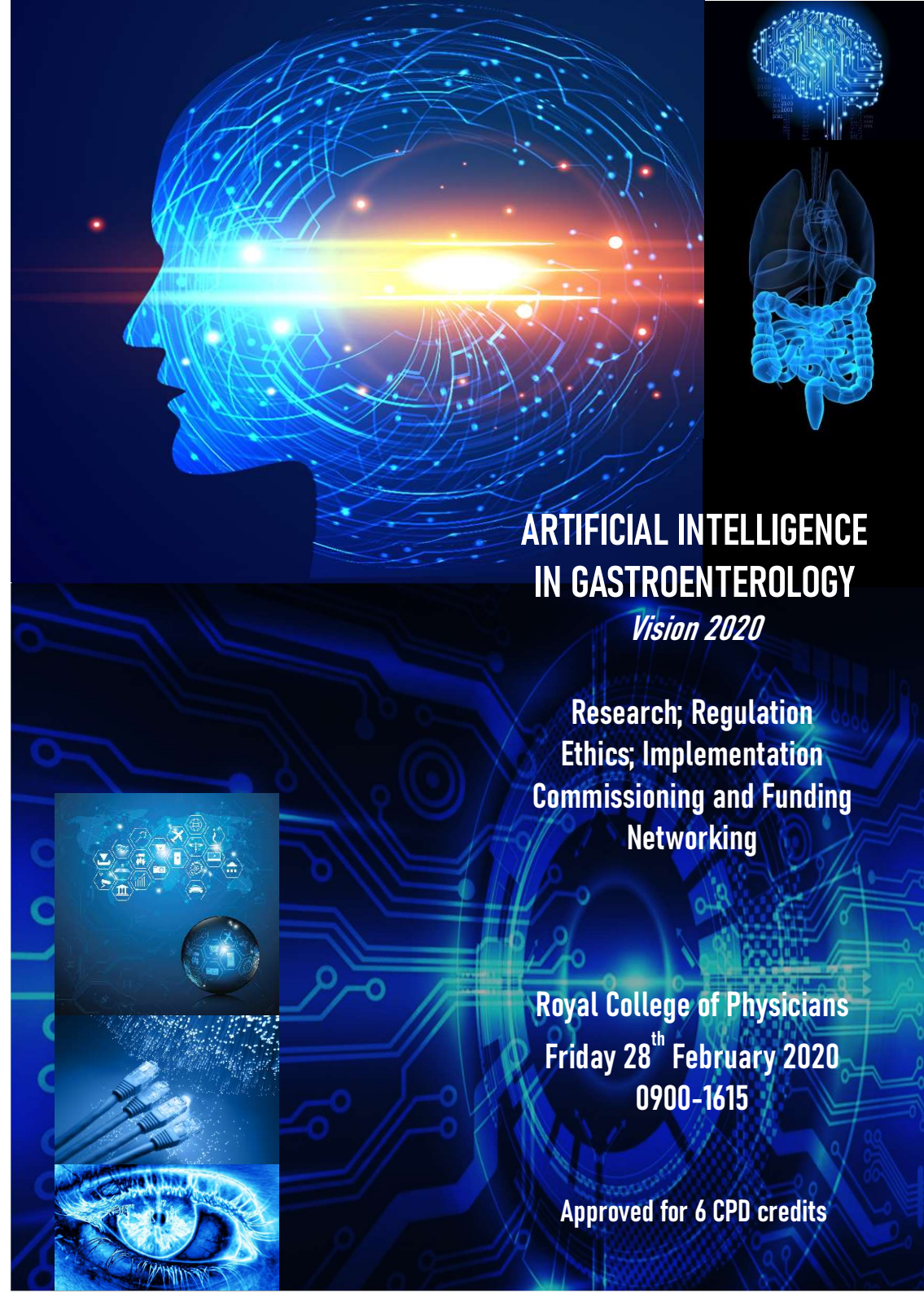
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BRITISH SOCIETY OF
GASTROENTEROLOGY
EDUCATION



ARTIFICIAL INTELLIGENCE IN GASTROENTEROLOGY

Vision 2020

Research; Regulation
Ethics; Implementation
Commissioning and Funding
Networking

Royal College of Physicians
Friday 28th February 2020
0900-1615

Approved for 6 CPD credits

0900	Registration	
0920-1040	PLENARY SESSION: Chairs: Jonathan Brown, Sebastian Zeki	
0920-0930	Welcome and introduction to the day - <i>Why this symposium? Why now?</i>	Bu Hayee <i>King's College Hosp.</i>
0930-0950	What is artificial intelligence? - <i>Definitions</i> - <i>Understanding/appraising the literature</i> - <i>Beyond the headlines</i>	Becky Inkster <i>Turing Institute</i>
0950-1010	A regulatory framework for AI - <i>What should trials look like?</i> - <i>How should AI be approved / regulated?</i> - <i>How will big data / data-sharing be regulated (permitted?)</i> - <i>The work of the AHSN: how do clinicians get involved?</i>	Melissa Ream <i>AHSN AI Initiative</i>
1010-1040	A strategic vision for AI for the UK - <i>Aims for AI: 2020 and beyond</i> - <i>Accessing funding? QulP?</i> - <i>Grassroots involvement? District general AI</i> - <i>Defining the route to implementation; Revenue sharing</i>	TBC <i>NHSX</i>
1040-1110	Morning break	
1110-1210	INDUSTRY VISION: Chairs Bu'Hussain Hayee, Aamyn Haji - <i>Industry speakers: "Our Company's vision for AI"</i> - <i>Medtronic, Olympus, Pentax, Fujifilm</i>	
1210-1230	Natural language processing, big data and the British Society of Gastroenterology	Jonathan Brown <i>Chair, BSG DAG cte</i>
1230-1315	PANEL DISCUSSION: AI and society: now and in the future - <i>Who is responsible for error? Now and in the future?</i> - <i>Sharing data for machine learning, "should we" (DeepMind, etc)</i> - <i>Do we really need AI? Where does AI start and humans end?</i> - <i>Will the 'art of medicine' be a thing of the past?</i>	
1300-1400	Lunch, industry exhibits and networking	

The Industry exhibition will be open throughout the conference with stands from our sponsors Aquilant/Fujifilm, Medtronic, Olympus and Pentax.

1400-1600	VIGNETTES (12 x 10 minutes each): Chairs: Sebastian Zeki, Bu Hayee	
	Colorectal polyps: "the future is now" GI Genius™ Endobrain™ Pentax detection and characterisation Fujifilm REiLi system	Alessandro Repici, Humanitas, Milan Aamyn Haji, King's College Hospital Timo Rath, Univ. Hosp. Erlangen Helmut Neumann, Mainz
	Augmenting endoscopic assessment: "watch this space" Barrett's oesophagus Scoring systems in IBD	Laurence Lovat, UCLH Bu'Hussain Hayee, King's College
	Natural language processing: "freeing up prime time" Triaging cancer referrals Data extraction for databases	Ian Arnott, Edinburgh Sebastian Zeki, GSTT London
	Patient management: "patient-centred apps" Rules-based and self-directed care for IBD PREdiCtting outcomes in IBD	Nader Alaghband, Ampersand Charlie Lees, Edinburgh
	Teaching robots to perform colonoscopy	Marc Yvon IBM Human Centric Innovation Centre
1600-1615	Closing remarks	TBC