SPCC Educational Project on

Artificial Intelligence in Cancer Care

2022

Sharing Progress in Cancer Care

WEBINAR 4

Title: "AI in Surgery"

Dte: Wednesday 25 January 2023 at 17:30 CET

Programme

17:30-17:32	Introduction
17:32-17:47	Developing Robotic Surgery: An Overview on the Latest Innovative Technologies - **Elena De Momi, IT**
17:47-18:02	AI Visualization Systems for Next Generation - **Dan Stoyanov, UK**
18:02-18:17	Methodological innovation and ethical aspects of AI in surgery: two sides of the same coin - **Sara Moccia, IT**
18:17-18:32	The current landscape of AI for gastrointestinal cancer screening and detection - **Keith Obstein, US**
18:32-18:47	Panel Discussion on Well Trained Surgeon or Rarely Used Robot: Who Does Best?
18:47-18:59	Discussion and Q&A
18:59-19:00	Take Home Messages and Closure

Faculty

Discussant: Pietro Valdastri, Professor and Chair in Robotics and Autonomous Systems, University of Leeds, UK

Expert: Elena De Momi, Department of Electronics, Information and Bioengineering, Politecnico di Milano, Milan, IT

Expert: Sara Moccia, The BioRobotics Institute and Department of Excellence in Robotics and AI, Scuola Superiore Sant'Anna, Pisa, IT

Expert: Keith L. Obstein, Division of Gastroenterology, Hepatology, and Nutrition Vanderbilt University Medical Center, Nashville, TN, USA

Expert: Danail Stoyanov, Wellcome/EPSRC Centre for Interventional and Surgical Sciences, UCL, London, UK