Image-guided Surgery: the augmented eye towards precision

The digital technology is providing enhanced abilities to the surgeon including: an augmented brain with Artificial Intelligence technologies, an augmented eye provided by advanced perioperative imaging, and an augmented hand with robotics. Those are the pillars for precision driven therapies. In the lecture, the vision and the work of the Institute of Image Guided Surgery, a government sponsored initiative in Strasbourg, France, will be outlined, focusing on digestive surgery.