

Newsletter | Oct 17th

Previous co-Chairs Stepping Down

We would like to sincerely thank **Arianna Menciassi**, **Sarthak Misra**, and **Nabil Simaan** for their outstanding service, tireless effort, and unwavering commitment as co-Chairs of our TC for the past three years. They will stay engaged in the TC leadership activities as advisory committee members.

New co-Chairs

We are pleased to announce that **Kanako Harada**, **Elena De Momi**, **Kai Xu**, **Michael Yip**, and **Pietro Valdastri** have accepted the invitations and have been appointed as co-Chairs for TC on Surgical Robotics. Please visit our website to learn more about the new co-chairs.

IROS 2022 Workshops

Advanced Robotics and Visualization for Ophthalmic Surgery

- **Organizers:** M. Ali Nasseri, Mamoru Mitsuishi, Christos Bergeles, Emmanuel V. Poorten, Iulian Iordachita, Raphael Sznitman
- **Date/Time:** October 23, 09:00, Full-day workshop
- **Website:** <https://arvos.ws/>

Computer-Integrated Surgery: Intelligent Robotic Systems of the Future

- **Organizers:** Guido Caccianiga, Andrea Mariani, Claudia D'Ettorre, Jie Ying Wu
- **Date/Time:** October 23, 09:00, Full-day workshop
- **Website:** <https://sites.google.com/view/computer-integrated-surgery-ws>

A Panacea or An Alchemy? -- Benefits And Risks of Robot Learning In Medical Applications

- **Organizers:** Jing Guo, Di Wu, Loris Fichera, Chao Zeng, Zhan Li, Farshid Alambeigi
- **Date/Time:** October 23, 09:00, Full-day workshop
- **Website:** <https://sites.google.com/view/rolemap-iros2022>

IROS 2022 Plenary & Keynote Talks

Plenary Talk: The Robotics Part of Micro and Nano Robots, by **Brad Nelson**, ETH Zürich, Switzerland. October 24, Monday, 9 am, Main Hall.

Sensorimotor Control Meets Surgical Robotics – A Model of the Surgeon Can Benefit Patients, by **Ilana Nisky**, Ben-Gurion University of the Negev, Israel. October 24, Monday, 1 pm, Room A.

Robot-assisted remote minimally invasive surgery: the fusion of 5G and AI, by **Shuxin Wang**, Tianjin University, China. October 24, Monday, 1 pm, Room B-1.

AI-Robotic Systems for Scientific Discovery -Role of Robotic Technologies, by **Kanako Harada**, The University of Tokyo, Japan. October 26, Wednesday, 1:30 pm, Main Hall.