

**Date:** 28<sup>th</sup> April 2022  
**Time:** 10:00 – 16:30  
**Venue:** Olympic Museum, Lausanne



## SASRO One Day Multidisciplinary Workshop on Practical Aspects of Automation Preliminary Program

09:30-10:00 Registration

### Experience with automated treatment planning

10:00-10:45 Keynote lecture: A fully automated process for treatment planning  
Rotterdam- Mischa Hoogeman

10:45-11:10 Automated contouring and treatment planning for breast cancer  
Lausanne - Michele Zeverino, Wendy Jeanneret

11:10-11:35 Experience with automatic treatment planning solutions  
USZ- Jerome Krayenbühl

11:45-12:00 Discussion

12:00-14:00 Lunch

### Practical Workshops

12:00-13:00 Automatic contour evaluation - a practical workshop 1  
max 18-24 participants (aims at doctors, RTTs, dosimetrists)

13:00-14:00 Automatic contour evaluation - a practical workshop 2  
max 18-24 participants (aims at doctors, RTTs, dosimetrists)

13:00-14:00 Share your treatment planning model (aims at physicists, RTTs, dosimetrists)  
All centers that want to contribute. Please write to Stephanie Tanadini-Lang if you plan to present your automatic treatment planning model

14:00-15:00 Presentation of AI contouring solutions of different vendors  
(each vendor 10-15 min)

15:00-15:15 Short Break

### Automation to increase quality and efficiency in radiotherapy

15:15-15:35 Experience using synthetic CT for radiotherapy planning  
La Tour- Ambroise Champion

15:35-15:55 Semi-automatic workflow for patient setup  
Chur- Valentin Egli

15:55-16:15 Digital Workflow in Aria  
Inselspital Bern - Andreas Joosten

16:15-16:35 Automation in Quality Assurance  
Hirslanden - Matthias Hartmann

16:35-16:45 Discussion

16:45-17:15 Exchange and Coffee