

# ORSI SUMMER SCHOOL

2024



Junior  
ORSI  
ACADEMY

UNITING STUDENTS  
WITH A KEEN INTEREST  
IN INNOVATION IN HEALTHCARE

MORE INFO: [WWW.JUNIORORSI.BE](http://WWW.JUNIORORSI.BE)



Flanders  
State of the Art

EFRO  
EUROPEES FONDS  
VOOR REGIONALE  
ONTWIKKELING



provincie  
Oost-Vlaanderen

KU LEUVEN

UNIVERSITEIT  
GENT



Vlaamse  
overheid



Picture taken during  
Orsi Summer School 2022  
at Orsi Academy

# ORSI SUMMER SCHOOL

## OPEN & ROBOTIC BASIC SURGICAL TRAINING

3 ROBOTIC SYSTEMS

3 DAYS

32 MEDICAL STUDENTS AND RESIDENTS

8 NATIONALITIES

MORE INFO: [WWW.JUNIORORSI.BE](http://WWW.JUNIORORSI.BE)

“

WE TRY TO GIVE  
STUDENTS AN  
EXTRA OPPORTUNITY  
TO DEEPEN THEIR  
INTEREST

”



# COURSE DETAILS

University of Köln, University of Modena, & Orsi Academy offer a 3-day summer school in robotic & laparoscopic basic surgical training for medical students and first-year residents. The course includes high quality lectures on robotic surgery and hands-on training in the Orsi lab. They get to learn the basic device tasks using the science-based and validated proficiency-based progression learning methodology. The summer school concludes with a PBP assessment for every student.



# DAY 1

## 19TH OF AUGUST



16:00            Arrival in Ghent and hotel check-in

19:30            Opening lecture by Prof. Hans Fuchs, Junior Orsi &  
20:30            Orsi Academy



MORE INFO: [WWW.JUNIORORSI.BE](http://WWW.JUNIORORSI.BE)

# DAY 2

20TH OF AUGUST



- 8:20 We meet in the lobby of IBIS hotel, bus to Orsi Academy
- 9:00 Short presentation about Orsi Academy & The story of robotic surgery
- 9:30 Coffee break + change into scrubs
- 9:45 Surgery training: 2 groups of 12 participants  
1st group on the Intuitive Da Vinci robot  
2nd group on the Medtronic HUGO Ras robotic system
- Introduction of the robotic system
  - Basic surgical skill tasks
- If time permits
- Basic surgical skill tasks: Suturing on pig foot: the main sutures used in surgery (simple interrupted suture, running suture, “donati” suture, intradermic)
  - + How to attach a drain on a chicken model
- 13:15 Lunch: sandwiches
- 14:00 Theoretical explanation of dissection and coagulation task
- 14:30 Surgery training: 2 groups of 12 participants  
1st group on the Intuitive Da Vinci robot  
2nd group on the Medtronic HUGO Ras robotic system
- Complex surgical skill tasks: robotic tasks (wet-lab): dissection, coagulation
- 17:30 End of training
- 18:00 Dinner at Orsi



MORE INFO: [WWW.JUNIORORSI.BE](http://WWW.JUNIORORSI.BE)

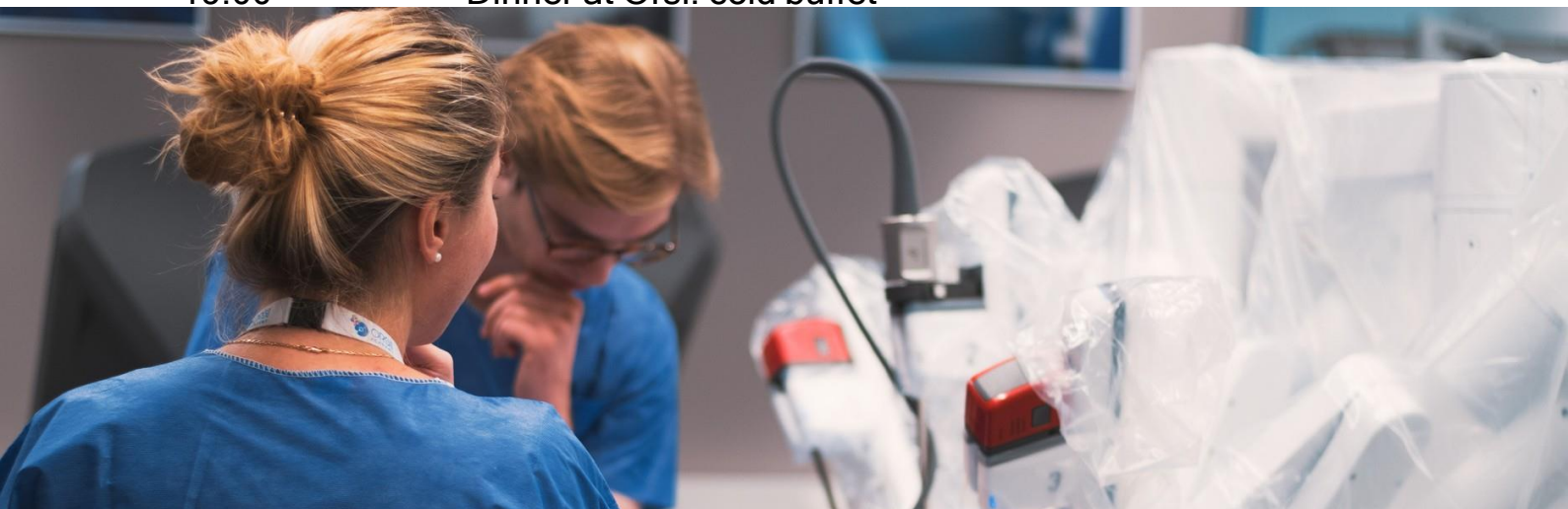


# DAY 3

21ST OF AUGUST



- 8:30 We meet in the lobby of IBIS hotel, bus to Orsi Academy
- 9:00 Theoretical explanation of chicken anastomosis task  
+ Medicaroid introductory presentation about Hinotori robot
- 9:30 Coffee break + change into scrubs
- 9:45 Surgery training: 3 groups of 8 participants  
1st group on the Intuitive Da Vinci robot  
2nd group on the Medtronic HUGO Ras robotic system
  - Complex surgical skill tasks: robotic tasks (wet-lab): chicken anastomosis3rd group on the Hinotori (Medicaroid) robotic system
  - basic surgical skill tasks
- 13:15 Lunch: hot meal
- 14:00 Surgery training: 3 groups of 8 participants  
1st group on the Intuitive Da Vinci robot  
2nd group on the Medtronic HUGO Ras robotic system
  - PBP assessment of the students on the chicken anastomosis task3rd group on the Hinotori (Medicaroid) robotic system
  - basic surgical skill tasks
- 15:30 Presentation about Surgquest
- 17:30 End of training
- 18:00 Closing activity: reception and official certificate of attendance
- 19:00 Dinner at Orsi: cold buffet



MORE INFO: [WWW.JUNIORORSI.BE](http://WWW.JUNIORORSI.BE)



Junior  
**ORSI**  
ACADEMY



MORE INFO: [WWW.JUNIORORSI.BE](http://WWW.JUNIORORSI.BE)



# JUNIOR ORSI SUMMERSCHOOL

FUNDING  
€1000/STUDENT

Actual cost per student is higher and sponsored by Orsi Academy  
Transportation to Belgium and accommodation is not included  
This event is non-profit and aims to promote surgical robotic education  
amongst young and promising surgeons.

