

ORSI SUMMER SCHOOL

2025



UNITING STUDENTS
WITH A KEEN INTEREST
IN INNOVATION IN HEALTHCARE

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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

8 EXPERTS

3 DAYS

32 MEDICAL STUDENTS FROM UNIVERSITY OF KÖLN, UNIVERSITY OF MODENA, VATTIKUTTI FOUNDATION & JUNIOR ORSI

8 NATIONALITIES

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

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COURSE DETAILS

University of Köln, University of Modena, Vattikutti Foundation & 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.



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DAY 1

18TH OF AUGUST



- 16:00 Arrival in Ghent and hotel check-in
- 17:00 Social activity: Boat tour
- 19:30 Dinner in Ghent
Welcoming word Junior Orsi & Orsi Academy



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DAY 2

19TH 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 Surgery training: 2 groups of 16 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
- 12:30 Lunch: sandwiches
- 13:30 Theoretical explanation of dissection and coagulation task
- 14:00 Surgery training: 2 groups of 16 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
- 16:00 Afternoon snack
- 17:30 End of training
- 18:00 Dinner at Orsi: beef stew with Duvel beer
- 19:15 Bus to Liefmans Brewery



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DAY 3

20TH 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 Surgery training: 3 groups of 11 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 anastomosis
3rd group on the Hinotori (Medicaroid) robotic system
• basic surgical skill tasks
- 13:00 Lunch: hot meal
- 14:00 Surgery training: 3 groups of 11 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 task
3rd group on the Hinotori (Medicaroid) robotic system
• basic surgical skill tasks
- 15:30 Presentation about Surgquest + afternoon snack
- 17:30 End of training
- 18:00 Closing activity: reception and official certificate of attendance
- 19:00 Dinner at Orsi: cold buffet
- 21:00 Transfer to Ghent



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Junior
ORSI
ACADEMY



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