



AI & training - friend or foe?

9TH NASCE SCIENTIFIC MEETING

OCTOBER, 6-9, 2025

GHENT (BELGIUM)

ITCIT (GHENT UNIVERSITY HOSPITAL) &
ORSI ACADEMY

TRAIN THE TRAINER COURSE

SCIENTIFIC SESSIONS

ABSTRACT SUBMISSION

WALKING DINNER

DAY 1 - OCTOBER 8, 2025

07:30 Transport from hotel to Orsi Academy by bus

08:00 Registration

08:30 Welcome at Orsi Academy

Emin Aksoy
Wouter Willaert
Eva Vanderstraeten

09:00 Plenary session 1: Training & Assessment!

NASCE

Chairs: Wouter Willaert (ITCIT), Dara O'Keefe (RCSI) & Uli Strauch (DSSH)

- 09:00 - 09:10 + 5 min Training 'The Robotic Surgeon' - Proficiency-based technical training
- 09:15 - 09:25 + 5 min Measuring resident competence during chest drain insertion - Validity study
- 09:30 - 09:40 + 5 min Assessment of Clinical Reasoning and Human Factors in a Simulated Environment
- 09:45 - 09:55 + 5 min AI in healthcare - The missing link between simulation and assessment
- 10:00 - 10:10 + 5 min Boosting anatomical knowledge with echocardiography and videos, focusing on cognitive load, self-efficacy, and motivation (prize session)

Niki Rashidian
Leander De Mol
Dieter Vyt
Wouter Bogaert
Wouter Willaert

10:15 Coffee break & networking

11:00 Plenary session 2: Training, Time, Tutors ... is what WE NEED!

NASCE meets 'the YOUTH'

Chairs: Gilles Soenens (BAST), Eva Vanderstraeten (Orsi), Jul Lambermont (Junior Orsi) & Per Stroli (MiDT)

- 11:00 - 11:07 + 3 min Get to know Junior Orsi
- 11:10 - 11:17 + 3 min Challenges and opportunities in surgical formation
- 11:20 - 11:27 + 3 min Successful integration of simulation based training in daily practice
- 11:30 - 11:37 + 3 min Stress during simulation training
- 11:40 - 11:47 + 3 min Building competent simulation educators: SimNext approach to lifelong learning
- 11:50 - 11:57 + 3 min Assessing AI as a diagnostic support tool for surgical admissions in the emergency department (prize session)

Olivia Corthals & Marie Huys
Cédric Schraepen
Gilles Soenens
Maria Tjønnås
Uli Strauch
John Rice

12:00 Industry sessions

12:15 Lunch & networking

13:30 Breakout sessions

Hands-on training
Future or reality
Roundtable discussion
Assessing teams

New frontiers in robotic surgery
The AI patient
Healthcare Simulation 2050: Building a better future together
Tips & tricks

Orsi Academy
Arteveldehogeschool
NASCE, SESAM, DSSH & Orsi Academy
Calum Arthur

15:00 Coffee break & networking

15:30 Plenary session 3: Team training - Enhancing competency and confidence

NASCE meets SESAM

Chairs: Dilek Kitapcioglu (CASE), Dieter Vyt (DSSH/ITCIT) & Per Luigi Ingrassia (SESAM)

15:30 - 15:40 + 5min

ECMO and team training

Harlinde Peperstraete &
Beth Vandenbroucke

15:45 - 15:55 + 5 min

Surgical sabermetrics enhancing operative team performances

Calum Arthur

16:00 - 16:10 + 5 min

Technologies & innovation for team training

Serena Ricci

16:15 - 16:25 + 5 min

Assessing AI as a diagnostic support tool for surgical admissions in the emergency department (prize session)

Cecilia Escher

16:30 - 16:50 + 5 min

NASCE - 10 years young!

Anders Belgenfelz, Oscar Traynor
& Dara O'Keeffe

17:00 Tour of Orsi Academy

Two poster sessions with appetizers & drinks

**Chairs: Nicla Settembre (Hopital Virtuel de Lorraine), Lars Enochsson (CAMST), Olivia Corthals (Junior Orsi)
Niki Rashidian (ITCIT/Orsi), Apostolos Papalois (SUBRE), Gilles Soenens (BAST)**

18:00 Networking walking dinner at Orsi Academy celebrating NASCE's 10th birthday!

20:30 Return to hotel by bus

DAY 2 - OCTOBER 9, 2025

08:00 Transport from hotel to Orsi Academy by bus

08:30 Welcome & summary day 1 NASCE annual meeting

Isabelle Van Herzeele

08:45 Plenary session 4

NASCE meets RBSS

Chairs: Oscar Traynor (NASCE), Jean Lemaitre (RBSS) & Nicla Settembre (Hopital Virtuel de Lorraine)

08:45 - 09:00 + 5 min

Simulation school of Nancy and simulation program in France

09:00 - 09:15 + 5 min

Patient-specific preoperative simulation based on Artificial Intelligence 3D modelling

09:20 - 09:35 + 5 min

How to improve the NOTECHS to face surgical crisis: impact of team simulation

09:40 - 09:55 + 5 min

Coaching the surgeon

10:00 - 10:10 + 5 min

Proficiency based progression on the Hugo system for learning nerve-sparing robot-assisted radical prostatectomy: a feasibility study (prize session)

Nicolas Berte

Luc Soler

Jean-Marc Baste

Calum Arthur

Edoardo Beatrici

10:15 Coffee break & networking

11:00 Plenary session 5: Innovation & Future of Simulation

NASCE

Chairs: Anders Bergenfelz (NASCE), Li Felländer-Tsai (CAMST) & Serena Ricci (SESAM)

11:00 - 11:10 + 5 min

Voice as a vital sign? Using speech to identify cognitive load in surgery (prize session)

11:15 - 11:25 + 5 min

Advancing training in veterinary medicine anno 2025

11:30 - 11:40 + 5 min

Simulation based training - Scaling up

11:45 - 11:55 + 5 min

AI + Simulation-based learning - Mind the gap!

12:00 - 12:10 + 5 min

Exploring DUTCH's simulation innovations in healthcare

12:15 - 12:20

NASCE AM 2026

12:20 - 12:35

Prize announcement, certification & NASCE business meeting 2026

12:35-12:40

Closure NASCE AM

Tom Mcintyre

Annelies Decloedt

Paul Sergeant

Marco Mezzina

Uli Strauch

Per Stroli

Li Felländer Tsai,

Apostolos Papalois, Dara

O'Keeffe & Emin Aksoy

12:40 Lunch & networking

13:00 **NASCE ARB meeting & NASCE Executive meeting (invitation only)**

13:30 **Plenary session 6**

RBSS

Chairs: Niki Rashidian (ITCIT/Orsi), Alexandra Dili (RBSS) & Pieter-Jan Hermans (BAST)

13:30 - 13:40+ 5 min Practical implementation of a Belgian ophtalmology training curriculum – facilitators and barriers
13:45- 13:55+ 5 min New surgical curriculum in Belgium – embracing the changes! (TBC)
 Simulators – buy or develop through contests?
14:00 - 14:10 + 5 min Optimizing endovascular surgical training: a protocol for evaluating cognitive load and individualized video-based feedback in the PROSPECT program (abstract)
14:15 - 14:25+ 5 min
14:30 - 14:40+ 5 min What's on the horizon: preclinical evaluation of endovascular devices
14:45 - 14:55 + 5 min CRM training from F16 to OR (TBC)

Carina Koppen

Alexandra Dilli
Paul Sergeant
Nicholas Rennie

Alexandre Oligny
Colonel Serge Mulleners

15:00 **Coffee break & networking**

15:30 **Break-out sessions**

Hands-on robotic basic skills
Minimal invasive and open surgical skills

Orsi Academy
TBC

17:00 **Closure & farewell drinks**

RBSS