

PROGRAM

TURIN
February 25 – 26

MODENA
March 23 – 24

ENNA
April 22 – 23

38th smart
Smart Meeting Anesthesia Resuscitation inTensive care

Milan **May 26-28, 2027**
Allianz MiCo North Wing

In collaboration with Accurate Learn. Practice. Improve.

VENUES



Simulation Center – University of Turin c/o **Dental School Lingotto, 3rd Floor**
Via Nizza 230, Turin Italy



FASiM Center (Advanced Training and Medical Simulation) University of Modena e Reggio Emilia Via Del Pozzo 71, Modena Italy



Medical Simulation Center– University of Enna Kore Piazza dell' Università, Enna Italy



Allianz MiCo North Wing
Gate 8 - Viale L. Scarampo, Milan Italy

TENTATIVE FACULTY

SCIENTIFIC COORDINATORS

Alberto Andreotti, Modena (I)
Luca Brazzi, Turin (I)
Andrea Costamagna, Turin (I)
Lorenzo Dall'Ara, Modena (I)
Massimo Girardis, Modena (I)
Massimiliano Sorbello, Enna (I)

SPEAKERS/INSTRUCTORS

Francesco Barbani, Florence (I)
Marco Barbanti, Enna (I)
Andrea Barbarello, Milan (I)
Stefano Busani, Modena (I)
Luciano Calderone, Palermo (I)
Simona Cavallo, Turin (I)
Davide Colombo, Borgomanero (I)
Luca Compagni, Modena (I)
Gerardo Cortese, Turin (I)
Chiara Faso, Florence (I)
Matteo Giunta, Turin (I)
Aurora Guglielmetti, Bologna (I)
Jacopo Lombardi, Lugano (CH)
Andrea Magnani, Brescia (I)
Gianluigi Morello, Catania (I)
Alberto Noto, Messina (I)
Daniele Paternò, Ragusa (I)
Marcus Rall, Reutlingen (D)
Chiara Robba, Genoa (I)
Giovanni Sbrana, Viterbo (I)
Simone Scrivanti, Turin (I)
Luca Tortorolo, Rome (I)
Ilaria Turriziani, Bologna (I)

BEFORE YOU TAKE THE CHALLENGE

Where Knowledge Meets Skills, and Skills Meet the Challenge.

Postgraduate training programs in Anesthesia and Intensive Care provide the foundation for the professional development of young physicians. However, traditional educational approaches still play a dominant role, often leaving limited opportunities for extensive hands-on training, practical skill development, and real-life crisis management. To bridge this gap, partly related to the limited availability of dedicated training environments within institutional educational networks, **High-Fidelity Simulation (HFS)** has emerged as an increasingly valuable educational strategy, offering young clinicians the opportunity to develop and strengthen their technical and non-technical skills in a safe, realistic, and highly interactive environment.

Now entering its **5th edition**, following the remarkable success of previous years, this educational initiative takes simulation-based training to the next level through an exciting, team-based competition designed specifically for young Anaesthesia and Intensive Care professionals. Supported by an expert simulation faculty, purpose-built clinical environments, highly realistic patient simulators, and cutting-edge medical simulation technologies, the competition offers an outstanding pre-congress immersive experience. High-Fidelity Simulation and structured debriefing will be at the heart of this unique educational journey, transforming challenging clinical situations into powerful opportunities for learning, reflection, and professional growth. Participants will face a wide range of challenging clinical scenarios across different healthcare settings, from the **Intensive Care Unit to the Delivery Room, from the Operating Theatre to austere and resource-limited environments**.

Throughout the competition, teams will be challenged to apply their clinical knowledge, explore advanced technologies, implement innovative strategies, and make critical decisions under pressure. **Problem-solving, decision-making, teamwork, communication, situational awareness, and Crisis Resource Management (CRM)** will be essential elements of the experience, helping participants strengthen their clinical performance and develop the confidence required to manage complex and rapidly evolving emergencies.

More than a competition. More than simulation. A unique opportunity to challenge yourself, learn together, and push your limits.

MAIN GOALS

Through an engaging **team-based competition format**, participants will benefit from an integrated educational experience focused on two complementary areas of competence:

- **Technical and Scientific Skills** developed through dedicated hands-on workshops, expert-led training, and the practical application of evidence-based clinical guidelines, best practices, and advanced medical techniques.
- **Non-Technical Skills (NTS) and Team Management** strengthened through teamwork, leadership, communication, decision-making, and problem-solving, supported by High-Fidelity Simulation (HFS) and Crisis Resource Management (CRM) principles.










COMPETITION ESSENTIALS

The competition will bring together **21 teams of Anesthesia and Intensive Care residents**, each consisting of **four residents and one tutor**, competing across three regional qualifying rounds.

The qualifying rounds will take place at three prestigious Italian simulation centres:

- **Round 1 – Turin,** hosted at the **Simulation Center of the University of Turin c/o Dental School Lingotto**.
- **Round 2 – Modena**, hosted at the **FASiM Center of the University of Modena and Reggio Emilia**.
- **Round 3 – Enna**, hosted at the **Medical Simulation Center of the Kore University of Enna**.





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Each team will be assessed and awarded a score for every scenario, based on predefined evaluation criteria. At the end of the qualifying rounds, an overall ranking will be established.

The six highest-scoring teams will advance to the semifinals, scheduled for **Wednesday, May 26, and Thursday, May 27**, during the **38th SMART Meeting**, hosted at the **Allianz MiCo North Wing** in **Milan**.

The competition will bring together clinical expertise, technical skills, teamwork, and decision-making under pressure, challenging the next generation of Anesthesia and Intensive Care specialists in a highly realistic and competitive environment.

EVERYTHING YOU NEED TO KNOW

QUALIFICATION ROUNDS SCHEDULE

QUALIFYING ROUNDS	DATES	TEAMS
ROUND 1	**February 25–26 (Thursday–Friday)**	**Team A, B, C, D, E, F, G**
ROUND 2	**March 23–24 (Tuesday–Wednesday)**	**Team H, I, J, K, L, M, N**
ROUND 3	**April 22–23 (Thursday–Friday)**	**Team O, P, Q, R, S, T, U**

The competition will be structured into **three qualifying rounds**, hosted at three leading Italian medical simulation centers:
Round 1 – Turin, hosted at the **Simulation Center of the University of Turin**, located at the Dental School Lingotto.
Round 2 – Modena, hosted at the **FASiM Simulation Center, University of Modena and Reggio Emilia**.
Round 3 – Enna, hosted at the **Medical Simulation Center, Kore University of Enna**.

The **top two teams from each qualifying round** will advance to the semifinals, which will be held in **Milan** in **May**, during the **38th SMART Meeting** (for further details see the following page).



WHAT ABOUT THE FINALS?

The **semifinals, grand final, and awards ceremony** will take place during the **38th SMART Meeting** at a specially designed **High-Fidelity Simulation Center**, located in the **Allianz MiCo North Wing** in **Milan**.

SEMIFINALS & GRAND FINAL SCHEDULE

FINAL ROUNDS	DATES
1° SEMIFINAL	**Wednesday, May 26, 2027 – Morning Session**
2° SEMIFINAL	**Wednesday, May 26, 2027 – Afternoon Session**
3° SEMIFINAL	**Thursday, May 27, 2027 – Morning Session**
GRAND FINAL	**Thursday, May 27, 2027 – Afternoon Session**



AWARDS CEREMONY

The **Awards Ceremony** will take place during the **38th SMART Meeting** on **Thursday May 27, 2027, in the late afternoon**.





AWARDS & PRIZES

- **Winner's Trophy** awarded to the winning team.
- **Complimentary registration to the 39th SMART Meeting 2028** for all members of the winning team.

GENERAL PROGRAM
& STANDARD SCHEDULE FOR EACH QUALIFYING ROUND

DAY 1

H 11:30 – 12:00 — **REGISTRATION**
Team Registration

H 12:00 – 12:15 — **WELCOME TO THE 5TH SIMULATION CHAMPIONS LEAGUE!**
Welcome Remarks from the Faculty, Scientific Coordinators and Residency Program Director

H 12:15 – 12:30 — **LET'S BREAK THE ICE… AND GET TO KNOW EACH OTHER!**

Introduction of Teams and Instructors
All Faculty

H 12:30 – 13:15 — **KICK-OFF – PLENARY LESSON #1**
«Houston, we have a problem…» Mitigating human factors & Competition Briefing
Alberto Andreotti

H 13:15 – 14:00 — ---------- **LIGHT LUNCH BREAK** ----------
Scenario Setup & Team Allocation

From H 14:00 — **LET THE CHALLENGE BEGIN**

Qualifying Rounds Structure

Station 1: HFS #1 "**A small problem, a big mess**"
Station 2: Workshop #1 "**NTS & cognitive tips**"
Station 3: HFS #2 "**Dead or alive: in the Cath Lab**"
Station 4: Workshop #2 "**AFOI strategies & eFONA**"
Station 5: HFS #3 "**Obstetric GUCH nightmare**"
Station 6: Workshop #3 "**CRRT in the critically ill**"
Station 7: HFS #4 "**Extra-hospital… CRASH!**"

GENERAL PROGRAM
& STANDARD SCHEDULE FOR EACH QUALIFYING ROUND

DAY 1

H 14:00 – 14:45	ROTATION – 1st ROUND
H 14:45 – 15:30	ROTATION – 2nd ROUND
H 15:30 – 15:50	**PLENARY LESSON #2** «Echocardiography for Intensivists: what else?» *Jacopo Lombardi, Alberto Noto*
H 15:50 – 16:00	---------- COFFEE BREAK ---- ----------
H 16:00 – 16:45	ROTATION – 3rd ROUND
H 16:45 – 17:30	ROTATION – 4th ROUND
H 17:30 – 17:50	**PLENARY LESSON #3** «When a newborn enters the theatre» *Ilaria Turriziani*
H 17:50 –18:00	---------- BREAK ----------
H 18:00 – 18:20	**PLENARY LESSON #4** «PBM: what you need to know» *Simona Cavallo, Giovanni Sbrana, Lorenzo Dall'Ara*
H 18:20 – 18:30	**DEFUSING TIME and DAY-1 SCORES** Relax & Meet the Expert Score feedback to Teams
H 18:30 – 19:00	End-of-Day Wrap-Up

H 21:00 SOCIAL DINNER
For all Team Members and the Technical and Scientific Faculty

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GENERAL PROGRAM
& STANDARD SCHEDULE FOR EACH QUALIFYING ROUND

DAY 2

H 9:10 – 9.30	**PLENARY LESSON #5** «ECLS update, end of life and organ procurement» *Andrea Costamagna*
H 9:30 – 10.15	ROTATION – 5th ROUND
H 10.15 – 11:00	ROTATION – 6th ROUND
H 11:00 – 11:20	**PLENARY LESSON #6** «Amines, inotropes and gasoline» *Matteo Giunta, Stefano Busani, Jacopo Lombardi*
H 11:20 – 11:30	---------- COFFEE BREAK ----------
H 11:30 – 12:15	ROTATION – 7th ROUND
H 12:15 – 12:35	**PLENARY LESSON #7** "Emergency C-section: don't take it lightly!" *Aurora Guglielmetti*
H 12:35 – 14:00	---------- LIGHT LUNCH BREAK ----------
H 14:00 – 14:20	**PLENARY LESSON #8** «All you need is… debriefing strategies» *Luca Tortorolo, Marcus Rall*
H 14:20 – 14:30	**DEFUSING TIME and DAY-2 SCORES - Interim Rankings** Score feedback to Teams & Getting ready for the Final Match!

GENERAL PROGRAM
& STANDARD SCHEDULE FOR EACH QUALIFYING ROUND

DAY 2

H 14:30 – 15:30 KEEP CALM & DEBRIEFING! – «Face-To-Face» with an opposite Team….

Match I	1st Team *vs* 7th Team	*«Stars & Stables»*
Match II	2nd Team *vs* 6th Team	*«Davide & Golia»*
Match III	3rd Team *vs* 4th Team *vs* 5th Team	*«Bagarre»*

H 15:30 – 16:00 **PLENARY LESSON #9** «TBI management»
Francesco Barbani, Chiara Robba, Gianluigi Morello

H 16:00 – 16:15 **DEFUSING TIME AND FINAL RANKING**
Relax & Meet the Expert
Final ranking and qualification of the six top-ranked teams for the Semifinals and Grand Final during the 38th SMART.

H 16:15 – 16:30 **CLOSING REMARKS**
Conclusions and…
ready for the 38th SMART 2027!

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FOCUS ON LECTURES

PLENARY ROOM – LECTURES

Plenary Lecture #1: "Houston, we wave a problem…"

Speaker	*TO: Alberto Andreotti*	*MO: Alberto Andreotti*	*EN: Alberto Andreotti*

Plenary Lecture #2: "Echocardiography for Intensivists: what else?"

Speaker	*TO: Jacopo Lombardi*	*MO: Jacopo Lombardi*	*EN: Alberto Noto*

Plenary Lecture #3: "When a newborn enters the theatre"

Speaker	*TO: Ilaria Turriziani*	*MO: Ilaria Turriziani*	*EN: Ilaria Turriziani*

Plenary lecture #4: "PBM: what you need to know"

Speaker	*TO: Simona Cavallo*	*MO: Giovanni Sbrana*	*EN: Lorenzo Dall'Ara*

Plenary lecture #5: "ECLS update, end of life and organ procurement"

Speaker	*TO: Andrea Costamagna*	*MO: Andrea Costamagna*	*EN: Andrea Costamagna*

Plenary Lecture #6: "Amines, inotropes and gasoline…"

Speakers	*TO: Matteo Giunta*	*MO: Stefano Busani*	*EN: Jacopo Lombardi*

Plenary lecture #7: "Emergency C-section: don't take it lightly!"

Speaker	*TO: Aurora Guglielmetti*	*MO: Aurora Guglielmetti*	*EN: Aurora Guglielmetti*

Plenary Lecture #8: "All you need is… debriefing strategies"

Speaker	*TO: L. Tortorolo, M. Rall*	*MO: L. Tortorolo, M. Rall*	*EN: L. Tortorolo, M. Rall*

Plenary Lecture #9: "TBI management"

Speaker	*TO: Francesco Barbani*	*MO: Chiara Robba*	*EN: Gianluigi Morello*

FOCUS ON HFS & WORKSHOPS

HIGH FIDELITY SIMULATION #1

Title: "A small problem, a big mess"

Setting: Shock Room – Emergency Department

HFS Instructors: *I. Turriziani, L. Dall'Ara, A. Barbarello, A. Magnani*

Briefly: Small patient. Big challenges. And sometimes, an even bigger mess. A critically ill child arrives in the Shock Room, where every second counts and even the smallest warning sign may hide a life-threatening condition. Under pressure, clinical expertise alone may not be enough. Rapid decisions, effective teamwork, and the ability to anticipate the unexpected can make the difference between control and chaos.

When a small problem turns into a big mess, will your team be ready to handle it?

HIGH FIDELITY SIMULATION #2

Title: "Dead or alive: in the Cath Lab"

Setting: Hemodynamic Cath Lab

HFS Instructors: *A. Costamagna, M. Giunta, S. Scrivanti, F. Barbani, A. Magnani, M. Barbanti*

Briefly: One patient. One procedure. A thousand things that could go wrong. What begins as a routine coronary angiography can suddenly turn into a life-threatening emergency. In the Cath Lab, the line between stability and catastrophe can be dangerously thin. When the unexpected strikes, every second matters. Rapid recognition, critical decisions, and seamless teamwork become the only way to stay one step ahead of disaster.

When everything starts falling apart, will you be ready to take control before it's too late?

FOCUS ON HFS & WORKSHOPS

HIGH FIDELITY SIMULATION #3

Title: "Obstetric GUCH nightmare"

Setting: Delivery Room

HFS Instructors: *A. Guglielmetti, J. Lombardi, C. Faso, L. Calderone*

Briefly: Two lives. One fragile heart. And a nightmare waiting to unfold. Pregnancy is already a remarkable cardiovascular challenge. But when a woman with grown-up congenital heart disease (GUCH) faces an obstetric emergency, even the smallest physiological change can trigger a devastating cascade of events. In a setting where maternal and fetal survival are closely intertwined, conventional strategies may no longer be enough. Complex physiology, rapidly shifting hemodynamics, and high-stakes decisions will push your clinical judgment and teamwork to the limit.

When two lives depend on one vulnerable heart, will you be ready to face the nightmare?

HIGH FIDELITY SIMULATION #4

Title: "Extra-hospital… CRASH!"

Setting: Extra-hospital setting

HFS Instructors: *D. Colombo, S. Cavallo, G. Sbrana*

Briefly : No walls. No backup. No second chances. Out there, far from the safety of the hospital, every emergency is a race against time. Unpredictable conditions, limited resources, and a rapidly deteriorating patient can turn an already critical situation into complete chaos. When everything starts to fall apart, there is no perfect environment, no endless equipment, and no time to hesitate. Clinical expertise, adaptability, leadership, and teamwork become your most powerful tools.

When disaster strikes outside the hospital, can you bring critical care to the edge of chaos and still stay in control?

FOCUS ON HFS & WORKSHOPS

WORKSHOP #1

Title: “NTS & cognitive tips”

Instructor: *L. Tortorolo*

Briefly: Sometimes, the biggest challenge isn't knowing what to do. It's understanding how we think, communicate, and work together. Not every simulation needs to be a race against time. So, this time, we'll slow things down, explore the human side of critical care, and discover how small cognitive strategies can make a big difference in everyday clinical practice.

No overwhelming pressure, no impossible challenges. Just a safe, engaging environment to reflect, share experiences, and sharpen the non-technical skills that truly matter.

Ready to think differently, learn together, and discover what makes a good team even better?

WORKSHOP #2

Title: “AFOI strategies & eFONA”

Instructors: *M. Sorbello, G. Cortese, L. Compagni, D. Paternò*

Briefly: Two teams. One difficult airway. Different strategies. Only one way to win!

When airway management becomes a challenge, technical skills are just the beginning. From awake fibreoptic intubation (AFOI) to front-of-neck access (FONA), every decision matters, every technique has its place, and every second can change the game. Expect unexpected twists, tough decisions, and a little friendly rivalry as expertise, teamwork, and adaptability go head-to-head.

Same airway. Different minds. Who will make the smartest move when the pressure is on?

FOCUS ON HFS & WORKSHOPS

WORKSHOP #3

Title: “CRRT in the critically ill”

Instructor: *TBD*

Briefly: Beyond the filter. Beyond the numbers. It's all about making the right decisions.

Continuous Renal Replacement Therapy (CRRT) is much more than a machine running beside the ICU bed. It's a complex interplay of physiology, technology, and clinical judgment, where every setting has a purpose and every adjustment can make a difference. From choosing the right modality to optimizing fluid balance, anticoagulation, and treatment delivery, this interactive session will explore the practical challenges of CRRT in critically ill patients.

No competition, no race against time. Just real-world clinical scenarios, shared expertise, and hands-on learning to turn complex concepts into everyday confidence.

Ready to look beyond the filter and take your CRRT skills to the next level?

SIMULATORS & TECHNOLOGIES













TEC MED · elevate HEALTHCARE · KYOTO KAGAKU SINCE 1948 · Nasco HEALTHCARE · SIMBODIES A SAFEGUARD Company · Gaumard Simulators for Health Care Education

GALLERY


Navigating The
Critically Ill Maze


"L.Gattinoni"
INTENSIVECARE UNIT
ECHO


70
81
40
TEAM D


Accurate
"L.Gattinoni"
INTENSIVECARE UNIT
EXPERTS CORNER
37°smart
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PROMOTION & DISSEMINATION

PROMOTION & MEDIA COVERAGE

The competition will benefit from extensive promotion through the official **38th SMART Meeting website (www.smartonweb.org)** and all official social media channels, ensuring dedicated visibility and recognition for participating **Anesthesia and Intensive Care Residency Programs** and **Sponsoring Companies**.

During the semifinals and grand final, professional video footage will be recorded to produce an **official competition highlights video**, which will be published on YouTube following the event.

The video will capture the most exciting and memorable moments of the competition, including the **Awards Ceremony**, and will feature the names of the participating Residency Programs and the logos of the Sponsoring Companies, ensuring additional visibility and recognition beyond the event itself.



START PROMOTION

ORGANIZING SECRETARIAT

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