



37° smart

Smart Meeting Anesthesia
Resuscitation inTensive care

Final Report

Milan | May 27-29, 2026
Allianz MiCo - North Wing



KEY FACTS 2026



Event

37 smart

Smart Meeting Anesthesia
Resuscitation inTensive care

Date

May 27-29, 2026

Location

Milan, Italy

Allianz MiCo - North Wing

Organizing Secretariat

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KEY FACTS 2026



smart

Smart Meeting Anesthesia Resuscitation inTensive care

Advancing Science and Education Since 1990

FOUNDING MEMBERS

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ORGANIZING AND SCIENTIFIC COMMITTEE

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SCIENTIFIC ACTIVITY



240
Faculty

75
Sessions*

4
Educational
Courses

229
Working
Hours

*Not including: Abstract Sessions (Oral & Poster), Forum Sessions, High Fidelity Simulation Sessions, Sepsis Academy, Ecmo Academy, Airway Academy

SCIENTIFIC ACTIVITY

Attendance Figures - Scientific Sessions (Top 10 Most-attended Sessions)/1

DATE	TIME	NAME OF THE SESSION	HALL	ATTENDEES	CAPACITY
MAY 27	11.30 - 12.30	ADVANCED ECHOCARDIOGRAPHY IN NON-CARDIAC CRITICAL CARE In collaboration with ITACTAIC	SKY 1	260	280
MAY 27	14.30 - 16.00	TUTORIALS ANESTHESIA: MANAGING COMPLEXITY IN REAL LIFE	OCEAN 4	230	220
MAY 27	11.30 - 12.30	2026 SURVIVING SEPSIS CAMPAIGN GUIDELINES	OCEAN 1	220	240
MAY 27	10.00 - 11.00	RESCUE AND ESCALATION IN ARDS: DON'T MISS THE WINDOW	SKY 1	220	280
MAY 29	11.30 - 12.30	RESUSCITATION GUIDELINES 2025: WHAT'S NEW?	OCEAN 1	210	240
MAY 27	16.30 - 18.00	TUTORIALS RENAL FAILURE AND RENAL REPLACEMENT THERAPY IN THE ICU	OCEAN 4	210	220
MAY 28	14.30 - 16.00	CARDIOGENIC SHOCK: FROM SYSTEM FAILURE TO MECHANICAL SUPPORT In collaboration with ITACTAIC	SKY 1	200	280
MAY 27	14.30 - 16.00	TREATABLE-TRAIT ARDS AND PERSONALIZED VENTILATION	OCEAN 1	190	240
MAY 27	10.00 - 11.00	COAGULOPATHIES IN THE ICU: FROM BLEEDING TO THROMBOSIS	AQUA 3	170	160
MAY 28	11.30 - 12.30	TUTORIALS BEYOND OPIOIDS AND BMI: CONTEMPORARY APPROACHES TO COMPLEX ANESTHESIA MANAGEMENT	OCEAN 4	160	220

SCIENTIFIC ACTIVITY

Attendance Figures - Scientific Sessions (Top 10 Most-attended Sessions)/2

DATE	TIME	NAME OF THE SESSION	HALL	ATTENDEES	CAPACITY
MAY 27	11.30 - 12.30	TUTORIALS ULTRASOUND IN THE ICU: FROM IMAGES TO DECISIONS	OCEAN 4	160	220
MAY 29	09.00 - 11.00	TUTORIALS ACID-BASE AND ELECTROLYTES: MAKING SENSE OF NUMBERS	OCEAN 4	160	220
MAY 27	16.30 - 18.00	NON-INVASIVE SUPPORT 2.0	OCEAN 1	140	240
MAY 29	09.00 - 11.00	AIRWAY MANAGEMENT IN 2026... NOT JUST A MATTER OF TUBE!	SKY 1	140	280
MAY 28	09.00 - 11.00	TUTORIALS VENTILATORY SUPPORT: FROM NON-INVASIVE TO INVASIVE RESCUE	OCEAN 4	130	220
MAY 27	14.30 - 16.00	ACID-BASE: NOVEL THOUGHTS ON CORE CONCEPTS	SKY 1	130	280

SCIENTIFIC ACTIVITY






Attendance Figures – SMART Educational Courses



DATE	SMART EDUCATIONAL COURSES	ATTENDEES
MAY 25-26	CORSO VAM 2026 FONDAMENTALI 2.0 DELLA VENTILAZIONE MECCANICA	46
MAY 25-26	CORSO ITACTAIC BESt - CERTIFICAZIONE IN ECOCARDIOGRAFIA TRANSESOFIGEA BASIC	24
MAY 26	COURSE ACID-BASE EQUILIBRIUM: TO REMEMBER YOU NEED TO UNDERSTAND...	24
DATE	SMART ECM EDUCATIONAL COURSES	
MAY 21-22	CORSO ECM LA COMUNICAZIONE IN TERAPIA INTENSIVA: ISTRUZIONI PER L'USO	18

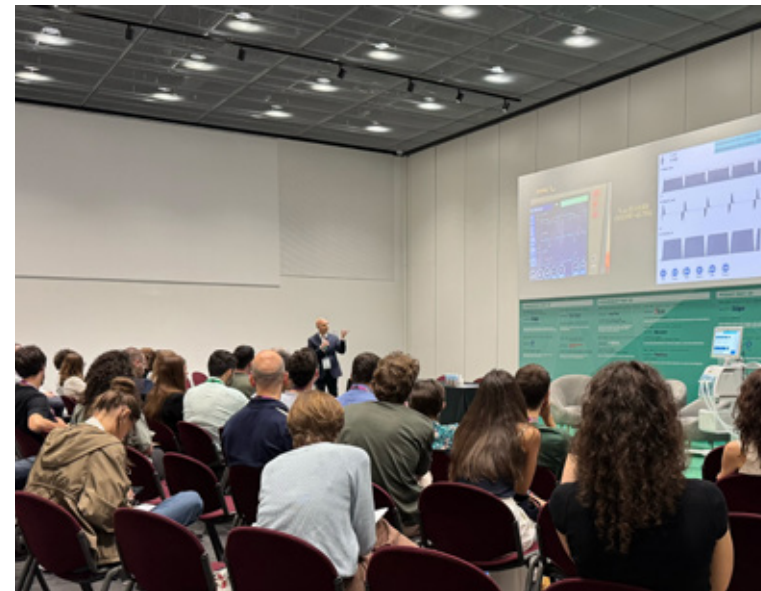
INDUSTRY SPONSORED SESSIONS

Attendance Figures













DATE	TIME	NAME OF THE SESSION	HALL	ATTENDEES	CAPACITY	SUPPORTING COMPANIES
MAY 27	12.45-14.15	Lunch Session EXTRACORPOREAL ORGAN SUPPORT IN CRITICAL CARE <i>Supported by ESTOR</i>	SKY 1	270	280	
MAY 28	11.30-12.30	RECENT FINDINGS ON HIGH FLOW APPLICATIONS <i>Supported by FISHER & PAYKEL</i>	AQUA 3	115	160	
MAY 28	12.45-14.15	Lunch Session GAS THERAPEUTICS <i>Supported by AIR LIQUIDE - Supported by SIAD</i>	OCEAN 1	240	240	 
MAY 29	12.45-14.15	Lunch Session VASOPRESSOR THERAPY IN SHOCK: PATHOPHYSIOLOGY-GUIDED AND PATIENT-TAILORED STRATEGIES <i>With the non-conditioning support of VIATRIS</i>	SKY 1	270	280	

FORUM HALL

Large, versatile and multifunctional space for simulation sessions and hands-on training



FORUM SESSIONS

DATE	SESSION TOPIC	NAME OF THE SESSION	SUPPORTING COMPANIES
MAY 27	Simulation Session Mechanical Ventilation	THE BRIGHT AND THE DARK SIDE OF PRESSURE SUPPORT: PREVENTING P-SILI AND PROMOTING ALVEOLAR RECRUITMENT	
MAY 27	Workshop Patient Temperature	HOW TO PLAY WITH PATIENT TEMPERATURE IN THE OR: LET'S REACH THE GOAL TOGETHER	
MAY 27	Technical Forum Sedation	PROCEDURAL SEDATION: LEGAL ISSUES, SAFETY, OPPORTUNITIES	
MAY 27	Simulation Session Cardiogenic Shock	IMPELLA® IN CARDIOGENIC SHOCK: INDICATION, MANAGEMENT AND TROUBLESHOOTING	
MAY 28	Technical Forum Blood Gas Analysis	INTERACTIVE SESSION WITH REAL LIFE SCENARIOS BLOOD GAS ANALYSIS: FROM THE INSTRUMENT TO BEDSIDE CLINICAL DECISION	
MAY 28	Technical Forum Blood Purification	OMNI® plus: NEW PLATFORM FOR BLOOD PURIFICATION	
MAY 28	Technical Forum Monitoring	ADVANCING PERIOPERATIVE MONITORING: FROM HEMODYNAMICS TO BRAIN HEALTH	
MAY 28	Tavola Rotonda Sedazione	BILANCIARE SOSTENIBILITÀ E PRATICA CLINICA: IL CASO DEL DESFLURANO	
MAY 28	Meet the Expert Blood Purification	ECCO₂R IN PRACTICE: FROM EXPERT INSIGHTS TO HANDS-ON EXPERIENCE	
MAY 29	Technical Forum Mechanical Ventilation	APRV VENTILATION: WHY, WHEN, AND HOW A HANDS-ON GUIDE TO SETTING APRV SAFELY AND EFFECTIVELY	
MAY 29	Simulation Session Mechanical Ventilation	ESOPHAGEAL PRESSURE IN PRACTICE: FROM PHYSIOLOGY TO BEDSIDE DECISIONS WHY MEASURING IT CHANGES HOW WE SET THE VENTILATOR	 

SEPSIS ACADEMY

A SMART initiative dedicated to the management of sepsis



The **Sepsis Academy** was hosted in a dedicated open space within the exhibition area. Four expert-led sessions, each focused on a topic of interest in sepsis management, were repeated throughout the three days of the meeting, providing participants with opportunities to engage in a range of interactive and practical learning experiences.

The same space also hosted **Focus On Sessions** addressing key sepsis-related topics, made possible through the support of sponsoring companies.

SEPSIS ACADEMY



DATE	SEPSIS ACADEMY SESSION	DATE	FOCUS ON SESSION	SUPPORTING COMPANIES
MAY 27 -28 - 29	SESSION 1 IDENTIFICATION OF PATIENTS AND MICROORGANISMS	MAY 27	ANGIOTENSIN II IN MY NEXT PATIENT: WHO, WHEN, HOW <i>With the non-conditioning support of VIATRIS</i>	VIATRIS
MAY 27 -28 - 29	SESSION 2 ANTIBIOTIC THERAPY	MAY 27	IgM PREPARATION IN SEPSIS: HOW TO USE IN CLINICAL PRACTICE <i>With the non-conditioning support of GRIFOLS</i>	GRIFOLS
MAY 27 -28 - 29	SESSION 3 CARDIOVASCULAR MANAGEMENT	MAY 28	PROCALCITONIN AND PRO-ADRENOMEDULLIN IN CLINICAL PRACTICE <i>With the non-conditioning support of THERMO FISHER SCIENTIFIC & DIASORIN</i>	DIASORIN
MAY 27 -28 - 29	SESSION 4 ADJUNCTIVE THERAPIES	MAY 28	ANGIOTENSIN II IN MY NEXT PATIENT: WHO, WHEN, HOW <i>With the non-conditioning support of VIATRIS</i>	VIATRIS
		MAY 28	HOW TO USE POLYMYXIN B HEMOPERFUSION IN MY SEPTIC PATIENT <i>Supported by ESTOR</i>	ESTOR

We are grateful to the following Companies for their non-conditioning contributions to Sepsis Academy



ECMO ACADEMY

A new SMART initiative dedicated to the management of ECMO



The **ECMO Academy** is a new initiative with a strong scientific and practical focus, entirely dedicated to the management of ECMO. Hosted in a purpose-built open space within the exhibition area, it featured four expert-led sessions, each addressing a key topic in ECMO practice. The sessions were repeated throughout the three days of the meeting and engaged participants through a variety of educational formats, including interactive discussions, micro-simulations with audience voting, and hands-on workshops.

ECMO ACADEMY



DATE	ECMO ACADEMY SESSION
MAY 27 -28 - 29	SESSION 1 PATIENT SELECTION & PHYSIOLOGY Recognizing the ECMO candidate - Cannulation strategy & practical considerations - Gas exchange & CO2 removal physiology
MAY 27 -28 - 29	SESSION 2 ECMO INITIATION & EARLY MANAGEMENT Ventilation on ECMO VV and VA - Hemodynamic interaction - Circuit management
MAY 27 -28 - 29	SESSION 3 COMPLICATIONS & TROUBLESHOOTING Hypoxemia & recirculation - Circuit & mechanical failures - Bleeding & thrombosis
MAY 27 -28 - 29	SESSION 4 WEANING, RECOVERY & INNOVATION VV/VA weaning trials - Rehabilitation & awake ECMO - Research, innovation & trial design

We are grateful to the following Companies for their non-conditioning contributions to Ecmo Academy



AIRWAY ACADEMY

A new SMART initiative dedicated to airway management



The **AIRWAY Academy** is a new scientific and practical initiative dedicated to airway management. A purpose-built open space within the exhibition area hosted four workstations, where four hands-on sessions—each focusing on a different technique or procedure—were conducted simultaneously by expert trainers and repeated throughout the three days of the meeting. Each series of sessions was preceded by a brief shared introduction.

AIRWAY ACADEMY



DATE	AIRWAY ACADEMY WORKSTATIONS
MAY 27 -28 - 29	WS1 FROM AIRWAY PREDICTION TO STRATEGY...KEY WORD: PLANNING!
MAY 27 -28 - 29	WS2 PLEASE, LET ME BREATHE! AWAKE INTUBATION AS A STANDARD CLINICAL PRACTICE
MAY 27 -28 - 29	WS3 AIRWAY VIDEO-DEVICES: FUTURE IS NOW!
MAY 27 -28 - 29	WS4 FRONT OF NECK ACCESS: AN AIRWAY EMERGENCY SCENARIO... TO BE PLANNED!

We are grateful to the following Companies for their non-conditioning contributions to Airway Academy



HIGH FIDELITY SIMULATION CENTER

Fully equipped **Simulation Center** for High Fidelity Simulation Sessions



The purpose of **High Fidelity Simulation** in the meeting venue was to offer participants a chance to face real-life scenarios while working in safe conditions outside their “comfort zone”, thus sharpening their skills and elevating their expertise in managing intricate clinical challenges. The HFS sessions involved the use of state-of-the-art advanced simulators and an active role of participants in the simulation scenarios.

HIGH FIDELITY SIMULATION SESSIONS

Supported By **Accurate**
Learn. Practice. Improve.



DATE	NAME OF THE SESSION
MAY 27	CHAMPIONS LEAGUE SMART 2026 SEMIFINALE 1: BOLOGNA vs. FOGGIA
MAY 27	CHAMPIONS LEAGUE SMART 2026 SEMIFINALE 2: FIRENZE vs. TORINO
MAY 27	EVERY BREATH YOU TAKE: ADVANCES IN MECHANICAL VENTILATION
MAY 27	BURNING DOWN THE SYSTEM: COOLING OR TO BE COOL?
MAY 28	CHAMPIONS LEAGUE SMART 2026 FINALISSIMA: BOLOGNA vs. FIRENZE
MAY 28	STILL STANDING: MOF & SHOCK IN SEPSIS
MAY 28	STAYING ALIVE: THE SOUNDTRACK OF NEUROLOGICAL CARE
MAY 28	THE FINAL COUNTDOWN: COAGULATION & HEMOSTASIS
MAY 28	SMALL PATIENTS, BIG STAKES: PEDIATRIC CRITICAL CARE
MAY 29	A NIGHTMARE IN THE OPERATING THEATRE...
MAY 29	THE "PROLONGED" FIELD CARE

MEETING LOGISTICS

Quick Overview



Session Halls

Sepsis Academy

Ecmo Academy

Airway Academy

E-Poster Corners

Forum Hall

High Fidelity Simulation Center

Escape Room

Faculty Lounge

Smart Social Lounge

LUNCH SESSIONS



SCIENTIFIC SESSIONS



INDUSTRY ATTENDANCE



55
Sponsoring
Companies

22
Sponsored
Working Hours

2064
sqm.
Net Exhibition Area

5350
sqm.
Gross Exhibition Area

EXHIBITION AREA AND BOOTHS



EXHIBITION AREA AND BOOTHS



EXHIBITION AREA AND BOOTHS



SMART PEOPLE

Attendance Figures



TOTAL ATTENDANCE: **3052**

SMART PEOPLE

Overview



Faculty Members	240
Registered Physicians	1041
Registered Nurses	116
Registered Residents/Students	1165
Participants registered to Ed. Courses only	112
Participants registered to Forum Sessions	495
Participants registered to High Fidelity Simulation Sessions	1282
Participants registered to Sepsis Academy	564
Participants registered to Ecmo Academy	616
Participants registered to Airway Academy	192
Exhibitors' Staff	382
Free Session Tickets	108

OPENING SESSION

Luciano Gattinoni is still with us



Brief Biography of Luciano Gattinoni (Jan 12, 1945 - Dec 2, 2024)

- Milan: Classical education: Latin, Greek, philosophy
- 1969: MD, University of Milan.
- 1975–1977: Fellowship NIH in Bethesda, Ted Kolobow (Pesenti and Fumagalli)
- 1995: Chair, Dept. of Anaesthesia/ICU.
- Pres, ESICM, Italian Society of Anesthesia/CC, & World Federation, Founded SMART symposium (37th year)
- 2015: Retired from Milan; moved to University of Göttingen (Quintel)



St. Michael's
Inspired Care. Inspiring Science.

The opening session of the 37th SMART was inspired by the extraordinary legacy of **Prof. Luciano Gattinoni** and highlighted some of his most visionary insights which continue to shape the spirit and scientific identity of the SMART meeting. He taught a generation not what to think, but how.



"Make science accessible"

"Ask better questions, and never lose the joy of discovery."

"The worth of a scientist lies in the quality of the questions, not the comfort of the answers."

"A single careful observation can overturn a generation of assumption."

"Measure, measure, measure."

"Curiosity is not a phase of a career. It is the whole of it."

"What can be measured can be understood."

"Ask not only what works, but why it works."

BEST ABSTRACT AWARD 2026



During the 37th SMART, the three best abstracts presented at the Meeting were recognized with awards. Two abstracts shared third place ex aequo.

The Award Ceremony took place during the Meeting on Thursday, May 28.

All prizes were dedicated to Dr. Mario Veronesi and kindly offered by **INTERSURGICAL**.



CHAMPIONS LEAGUE SMART 2026



In collaboration with Accurate we took care of the organization of a **Champions League** of advanced simulation reserved for residents with challenges on anesthesia, resuscitation and emergency scenarios. The competition involved 16 teams from different universities. After the preliminary rounds, the 4 teams gaining the highest scores met during the 37th SMART for the semi-finals and final which took place in the High Fidelity Simulation Center. Enthusiasm, teamwork, passionate dedication of the teams involved and a large audience support contributed to the success of the initiative which ended with an emotional award ceremony in the heart of the exhibition area.

The winner of the 2026 Champions League was **Bologna**.



See you at

38^o Smart

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www.smartonweb.org

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