

INTENSIVE  
**CARE**  
INNOVATION  
FORUM

**2025**

FEBRUARY 6-8

**MILAN**



INTENSIVE  
**CARE**  
INNOVATION  
FORUM  

---

**2025**

| Scientific Programme

DATE / TIME	SESSION TITLE / PRESENTATION TITLE	SPEAKER(S)	MODERATORS	DISCUSSANT(S)
<b>DAY 1</b>				
<b>Thursday 6 February - ROOM E</b>				
14:00 - 14:30	<b>OPENING CEREMONY</b>	Jan De Waele & Salvatore Maggiore		
14:30 - 15:15	<b>KEYNOTE LECTURE</b> The Future of Intensive Care Medicine Innovation for better outcomes	Maurizio Cecconi	Jan De Waele & Salvatore Maggiore	Andrea Aliverti
15:15 - 16:15	<b>TED-STYLE PITCHES: PRESENT AND FUTURE CHALLENGES IN INTENSIVE CARE</b>			
15:15 - 15:30	Treating more patients with less healthcare workers	Derek Angus	Samir Jaber & Nicole Hunfeld	Massimiliano Greco & Paul Elbers
15:30 - 15:45	Innovative tools and strategies to revolutionize antimicrobial therapy	Jan De Waele		
15:45 - 16:15	Discussion			
<b>16:15 - 16:30 Coffee Break</b>				
16:30 - 17:15	<b>AI AND ETHICS IN THE ICU</b> Ethical dilemmas posed by AI-driven decision-making in life-and-death situations	Elie Azoulay	Giacomo Grasselli & Nicola Latronico	Jozef Kesecioglu & Eleonora Balzani
17:15 - 18:00	<b>AI IMPLEMENTATION IN THE ICU</b> What are the hurdles to AI implementation?	Ari Ercole	Elena Bignami & Leo Celi	Jan De Waele & Ezinwanne Ozoani
18:00 - 19:00	<b>SPECIAL SESSION</b> - more information page 7			
19:00 - 20:00	<b>NETWORKING RECEPTION</b>			
<b>DAY 2</b>				
<b>Friday 7 February - ROOM E (except parallel sessions)</b>				
08:30 - 09:15	<b>KEYNOTE LECTURE</b> Sub-phenotypes in ICU: is it ready for prime time?	Manu Shankar -Hari	Elie Azoulay & Andrew Conway-Morris	Ari Ercole
09:15 - 10:15	<b>TED-STYLE PITCHES: DISRUPTIVE TECHNOLOGIES IN ICU MONITORING</b>			
09:15 - 09:30	Point of Care Testing: what's missing?	Maria Theodorakopoulou	Lluis Blanch & Paul Elbers	Nicole Hunfeld & Andrew Conway-Morris
09:30 - 09:45	ICU beds, ICU care & sustainability	Jan De Waele		
09:45 - 10:15	Discussion			
<b>10:15 - 10:45 Coffee Break</b>				
10:45-11:30	<b>PARALLEL SESSIONS</b>			
	<b>ROOM E: HUMAN &amp; AI</b> Should AI replace human judgment in the ICU?	Leo Celi	Salvatore Maggiore & Kirsten Colpaert	Pedro Pova & Maurizio Cecconi
	<b>ROOM F: The ICU of the future</b> Designing the ICU of the future: integrating technology, humans & environment	Elena Sancho Ferrando & Eleonora Balzani	Jozef Kesecioglu & Maria Theodorakopoulou	Andrea Aliverti & Derek Angus

DATE / TIME	SESSION TITLE / PRESENTATION TITLE	SPEAKER(S)	MODERATORS	DISCUSSANT(S)
<b>DAY 2</b>	<b>Friday 7 February - ROOM E (except parallel sessions)</b>			
<b>11:30-12:15</b>	<b>PARALLEL SESSIONS</b>			
	<b>ROOM E: INDUSTRY COLLABORATION</b> Bringing innovations to the bedside	Industry speakers	Jan De Waele & Maria Theodorakopoulou	Salvatore Maggiore & Jason Roberts
	<b>ROOM F: THE FUTURE OF TECHNOLOGY</b> The role of robotics in patient care	Lluis Blanch	Gaetano Perchiuzzi & Maria Laura Costantino	Kirsten Colpaert & Elena Sancho Ferrando
<b>12:15 - 13:15</b>	<b>SPECIAL SESSION LUNCH</b> - more information page 7			
<b>13:15 - 14:00</b>	<b>KEYNOTE LECTURE</b> AI-powered alarm management to reduce fatigue and improve patient safety	Kirsten Colpaert	Elena Bignami & Ari Ercole	Lluis Blanch
<b>14:00 - 15:00</b>	<b>TED-STYLE PITCHES: EMERGING CONCEPTS IN INTENSIVE CARE</b>			
14:00 - 14:15	Next level neuromonitoring at the bedside	Ari Ercole	Samir Jaber & Elena Sancho Ferrando	Nicola Latronico & Gaetano Perchiuzzi
14:15 - 14:30	Closed-loop ventilation and automation	Salvatore Maggiore		
14:30 - 15:00	Discussion			
<b>15:00 - 15:45</b>	<b>PARALLEL SESSIONS</b>			
	<b>ROOM E: PHARMACOGENOMICS IN THE ICU</b> How genomics will change pharmacologic management in the ICU of the future	Nicole Hunfeld	Manu Shankar-Hari & Gaetano Perchiuzzi	Elie Azoulay & Elena Sancho Ferrando
	<b>ROOM F: FUTURE ICU SUSTAINABILITY</b> Balancing ICU innovation with environmental sustainability	Jan De Waele	Maurizio Cecconi & Kirsten Colpaert	Samir Jaber & Maria Laura Costantino
<b>15:45 - 16:15</b>	<b>Coffee Break</b>			
<b>16:15 - 17:00</b>	<b>SPECIAL SESSION</b> - more information page 7			
<b>17:00 - 17:45</b>	<b>EU AI ACT</b> AI Act: Ethical point of view and implications for future clinical practice	Ezinwanne Ozoani	Elie Azoulay & Nicole Hunfeld	Leo Celi
<b>17:45 - 18:45</b>	<b>DATATHON FINALE</b> <b>(PRESENTATION OF THE 3 PROJECTS)</b>		Paul Elbers, Ari Ercole, Patrick Thoral & Massimiliano Greco	

DATE / TIME	SESSION TITLE / PRESENTATION TITLE	SPEAKER(S)	MODERATORS	DISCUSSANT(S)
<b>DAY 3</b>	<b>Saturday 8 February - ROOM E (except parallel sessions)</b>			
<b>08:30 - 09:15</b>	<b>KEYNOTE LECTURE</b> How education and training need to evolve to prepare ICU teams for a tech-driven future	Derek Angus	Cristiana Bolchini & Pedro Pova	Elena Bignami
<b>09:15 - 10:15</b>	<b>TED-STYLE PITCHES: INNOVATING ICU WORKFLOWS</b>			
09:15 - 09:30	Fighting new infections with less antibiotics	Andrew Conway-Morris	Andrea Aliverti & Salvatore Maggiore	Manuela Ferrario & Manu Shankar-Hari
09:30 - 09:45	Wearable technologies and biosensors in the ICU	Massimiliano Greco		
09:45 - 10:15	Discussion			
<b>10:15 - 11:00</b>	<b>PARALLEL SESSIONS</b>			
	<b>ROOM E: OMICS THERAPY FOR ICU PATIENTS</b> How 'omics' will transform personalized care for the critically ill	Manu Shankar-Hari	Derek Angus & Nicole Hunfeld	Giovanni Landoni & Elena Sancho Ferrando
	<b>ROOM F: THE FUTURE OF TRAINING</b> How to train ICU professionals for the AI era	Leo Celi	Samir Jaber & Maurizio Cecconi	Giacomo Grasselli & Kirsten Colpaert
<b>11:00 - 11:15</b>	<b>Coffee Break</b>			
<b>11:15 - 12:15</b>	<b>TED-STYLE PITCHES: PERSONALIZED ICU CARE</b>			
11:15 - 11:30	Digital tools and innovative strategies to enhance family interaction	Kirsten Colpaert	Jozef Kesecioglu & Eleonora Balzani	Cristiana Bolchini & Roberto Fumagalli
11:30 - 11:45	Real-time drug monitoring and customization	Jason Roberts		
11:45 - 12:15	Discussion			
<b>12:15 - 13:00</b>	<b>PARALLEL SESSIONS</b>			
	<b>ROOM E: Interdisciplinary approaches to ICU innovation</b> Moving forward together: how to lead healthcare system and industry cooperation	Jan De Waele / Industry	Maurizio Cecconi & Derek Angus	Maria Theodorakopoulou & Salvatore Maggiore
	<b>ROOM F: THE METAVERSE OF ICU EDUCATION</b> How immersive technologies are transforming ICU training and simulation	Pedro Pova, Elena Sancho Ferrando & Eleonora Balzani		Lluís Blanch
<b>13:00- 13:30</b>	<b>CLOSING SESSION</b>	Jan De Waele & Salvatore Maggiore		

INTENSIVE  
**CARE**  
INNOVATION  
**FORUM**  

---

**2025**

| Industry Sessions

LÖWENSTEIN

**Thursday 6 February**

18:00-19:00

Lights Out! The impact of  
Cyberattacks on a digitalized ICU

**SPEAKER:**

**Dr. Christian Schregel, Team  
Lead Advance Development,  
Löwenstein Medical Germany**

**MODERATOR:**

**Prof. Salvatore Maggiore**

**LÖWENSTEIN**  
medical

GE HEALTHCARE

**Friday 7 February**

12:15-13:15

Digital solutions design and  
implementation in the ICU

**SPEAKERS:**

**Dr. Maria Saera Bodi  
& Eng. Julen Berrueta**



GE HealthCare

BD

**Friday 7 February**

16:15-17:00

Shaping Hemodynamic  
Monitoring with the help  
of AI-Today's Landscape  
and Tomorrow's Vision.  
The engineering and  
clinical perspectives

**SPEAKERS:**

**Feras Hatib, Vice-President R&D  
BD Advanced Patient Monitoring  
(APM) and Prof. Thomas Scheeren,  
Medical Affairs Sr Director BD APM**

**MODERATOR:**

**Prof. Maurizio Cecconi**

