THE INTERNATIONAL SOCIETY OF MEDICAL AI

presents

ISMAI

FLORENCE 2026

Preliminary One-Room Scientific Programme

From understanding AI, to trusting AI, to governing AI, to teaching AI.

Aula Magna CTO, Careggi University Hospital

Florence, Italy

3 - 4 December 2026

Final Programme

01

DAY ONE · 3 DECEMBER 2026

From AI Literacy to Clinical Trust

One room · Aula Magna CTO, Careggi · Florence

Framing · Keynote · Session · Discussion · Plenary · Break · Arrival · Social

08:30 09:00 · REGISTRATION Registration & Coffee
Badge collection. Poster area open. Slides loaded, speaker desk active.

09:00 09:20 · INSTITUTIONAL OPENING
Welcome to ISMAI Florence 2026
GOVERNING QUESTION
Why Florence, Careggi and ISMAI, and why now?
ISMAI welcome. Careggi Hospital welcome.
University and institutional acknowledgements.

09:20 10:00 · OPENING KEYNOTE I
The Renaissance of Clinical Intelligence
What kind of medicine are we building after the algorithm?
GOVERNING QUESTION
How should medicine renew clinical judgement in the age of AI?
Keynote - Dr Omar Tujjar, ISMAI Chair

10:15 10:35 · COFFEE Coffee & Networking
Poster area open. Sponsor area visible.

10:35 12:10 · SESSION 1 · **Foundations of Medical AI**
Intelligence, history and clinical judgement

GOVERNING QUESTION
What must every clinician understand before the serious debates can begin?

1 **What Is Artificial Intelligence?**
Prof. Victor Maojo, MD, PhD, FACMI – Madrid, Spain
2 **A Short History of AI in Medicine**
Prof. Edward H. Shortliffe, MD, PhD – New York, USA
3 **Human Intelligence, Clinical Judgement and Medical Decision-Making**
Prof. Vimla L. Patel, MD, PhD – New York, USA
Q&A What should every clinician know before using medical AI?

12:10 13:10 · LUNCH Lunch & poster viewing
Structured poster walk optional. Poster judges may complete first review round.

13:10 14:40 · SESSION 2 · **AI Across the Real Patient Pathway**
GOVERNING QUESTION
Where is AI genuinely changing care, and where is it still theatre?

1 **AI in Diagnosis, Triage and Clinical Decision-Making**
Dr Jennifer Goldsack – Washington DC, USA
2 **The AI-Mediated Patient Journey: Opportunities, Risks and Challenges**
Prof. Dr. Kerstin Denecke – Bern, Switzerland
3 **From Model to Bedside: Making Clinical AI Work in Practice**
Colin G. Walsh, MD, MA – Nashville, USA
PANEL DEBATE *Are current clinical AI tools transforming care, or are most deployments still premature?*
Prof. Elena Giovanna Bignami, MD – Parma, Italy

14:40 15:05 · COFFEE Coffee, posters & networking
Poster area open. Filmed interviews in kiosk.

15:05 16:35 · SESSION 3 · **Evidence, Validation & Patient Safety**
GOVERNING QUESTION
When is an AI system ready to touch patients?

1 **Why Accuracy Is Not Enough**
Prof. dr. E.W. Steyerberg, MD, MSc, PhD – Rotterdam, the Netherlands
2 **From Retrospective Validation to Prospective Clinical Evidence**
Dr Laure Wynants, PhD – Maastricht, the Netherlands
3 **From validation to learning system: keeping clinical prediction models safe after deployment**
Prof Niels Peek, PhD – Cambridge, UK
DEBATE *Should retrospective validation ever be enough for clinical deployment?*

16:35 16:50 · SYNTHESIS · **Day 1 closing synthesis**
GOVERNING QUESTION
What has the first day established about clinical trust?
Chairman synthesis.

Evening · SOCIAL Faculty Academy Gallery visit & dinner
Invitation-only.

02

DAY TWO · 4 DECEMBER 2026

From Moral Responsibility to Institutional & Educational Readiness

One room · Aula Magna CTO, Careggi · Florence

08:45 – 09:00 · ARRIVAL Arrival coffee
Speaker desk active. Poster area open.

09:00 – 09:10 · OPENING · **From clinical trust to moral responsibility**
GOVERNING QUESTION
What did Day 1 leave unresolved?
Brief chair introduction.

09:15 – 09:40 · OPENING KEYNOTE II
The Moral Anatomy of Medicine
What is medicine made of morally, and what must not be flattened by AI?
GOVERNING QUESTION
What moral structures must remain visible in AI-enabled care?
Keynote - Dr Omar Tujjar, ISMAI Chair

09:45 – 11:10 · SESSION 4 · **Philosophy of Medical AI**
GOVERNING QUESTION
What must remain human in AI-enabled medicine?
1 **Clinical Judgement Under Uncertainty**
Dr Thomas Power, BA, PhD – Delaware, USA
2 **Delegation, Autonomy and Moral Responsibility**
Prof. Stefan Sorgner – Rome, Italy
3 **Autonomy by design: preserving human agency in AI-supported medicine**
Prof. Dr. phil. habil. Giovanni Rubeis – Greifswald, Germany
DEBATE *Can responsibility survive when judgement is distributed between clinicians, institutions and machines?*

11:15 – 11:55 · COFFEE Coffee & networking
Poster area open. Speaker preparation for Session 4.

12:00 – 12:55 · SESSION 5 · **The Governable AI Hospital**
GOVERNING QUESTION
What must institutions put in place before medical AI can be used responsibly?
1 **Regulation, Liability and Clinical Accountability**
Prof Giovanni Sartor – Bologna, Italy
2 **Is Your Hospital AI-Ready? The AIRA Framework**
Mr İlker Erdinç Elinç, ISMAI
DEBATE *Should hospitals refuse AI tools they cannot govern, monitor or withdraw?*
Mr. Francesco Venneri, Md, PhD – Regione Toscana, Italy
Avv. Francesca Toppetti – Rome, Italy
Mr Paolo Silvano – Paris, France
Ms Maria McCann – Dublin, Ireland

13:00 – 13:55 · LUNCH Lunch & poster viewing
Poster judges complete final review. Selected flash abstracts confirmed.

14:00 – 14:25 · FLASH ABSTRACTS · **Flash abstracts & poster prize shortlist**
GOVERNING QUESTION
What emerging work deserves the room's attention?
Poster prize.
Dr Andrea Alfonso, MD – Cambridge, UK

14:30 – 15:55 · SESSION 6 · **Medical AI Education & Professional Formation**
GOVERNING QUESTION
Can a doctor practise responsibly without formal education in medical AI?
1 **Core Medical AI Literacy for Every Clinician**
Prof. Nabil Zary, MD, MSc, PhD – Dubai, UAE
2 **Workforce Readiness for AI-Enabled Healthcare**
Dr Jeffry Hogg, MBBS, PhD, FHEA – Birmingham, UK
3 **Professional Formation, Clinical Judgement and the AI-Enabled Doctor**
Dr Stefan Buijsman, PhD – Delft, The Netherlands
DEBATE *Should AI in Medicine become a required component of medical education?*
Prof Samy A. Azer, MD, MPH, PhD – Riyadh, KSA

16:00 – 16:25 · COFFEE Coffee & transition
Networking. Poster area remains open until close.

16:30 – 17:20 · FINAL PLENARY
The Florence Test for Trustworthy Medical AI
GOVERNING QUESTION
What should every hospital require, refuse and disclose before adopting medical AI?
1 What must every hospital have in place before adopting medical AI?
2 What must every clinician understand before using medical AI?
3 What rights should patients have when AI is involved in care?
WORKING OUTPUT *Florence Principles, Statement or Questions.*

17:20 – 17:30 · CLOSING
Closing remarks
GOVERNING QUESTION
What happens next after Florence?
ISMAI closing.