

The logo for AI2M, featuring the letters 'A', 'I', '2', and 'M' in a bold, sans-serif font. The 'A' and 'M' are white, while the 'I' and '2' are red. The logo is centered on a dark blue rectangular background.

AI2M

First annual Artificial Intelligence
and Innovation in Medicine Meeting

Bologna (Italy)
September 19th - 21st 2024

Faculty

Meeting Chairs

Filippo Filicori (US)
Gilberto Poggioli (IT)

Clinical Chairs

Luigi Boni (IT)
Jaap Bonjer (NL)
Pieter DeBacker (BE)
Hans Fuchs (GE)
Jennifer Eckhoff (GE)
Teodor Grantcharov (US)
Andrew Hung (US)
Ozanan Meireles (US)
Christopher Schlachta (US)
Lee Swanstrom (FR)
Patricia Sylla (US)
Erik Wilson (US)

Technical Chairs

Luigi Di Stefano (IT)
Daniel Hashimoto (US)
Gretchen Purcell Jackson (US)
Anthony Jarc (US)
Eric Landau (UK)
Pietro Mascagni (IT)
Keno März (GE)
Andrea Moglia (IT)
Marc Paradis (US)
Danail Stoyanov (UK)
Pietro Valdastrì (UK)



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The last few years have seen a proliferation of machine learning and data driven applications to enhance medical care. Despite these efforts there are no EMA/FDA approved models to aid procedural medicine. Moreover, despite the recent rise in robotic surgery popularity, the platform is merely used as an extended limb for the surgeon, and we do not capitalize on the immense amount of data collected to improve surgical outcomes.

This is a multifactorial problem. First and foremost it is difficult to find clinicians willing to devote their time to develop products which are outside of their area of expertise. Moreover it is difficult to find and connect to engineering teams which would aid clinicians in the developments of these products. Lastly, hospital systems are ill equipped to host the infrastructure to implement pipelines devoted to creation and testing of models.

The goal of the first Artificial Intelligence and Innovation meeting is to bring together clinicians and engineers to develop such integrated solutions, to deliver healthcare products that leverage all the knowledge in computer science developed over the last decades. We believe that Europe, being of an incredible receptacle for healthcare and engineering talent is the right place to hold such a meeting.

Please join thought leaders from US/Europe from both Healthcare and Tech in Bologna for the inaugural event of this medicine/engineering joint venture. The meeting will be hosted in “the food capital of Italy” during one of the best possible season to visit this country.

Filippo Filicori (US)
Gilberto Poggioli (IT)

Preliminary program

Thursday September 19th

6.30PM - 8.30PM

Welcome reception and drinks

Friday September 20th

Procedural Innovation

8.00AM - 10.30AM

AI and Intraoperative support

10.30AM - 11.00AM

Coffee break

11.00AM - 1.00PM

Robotic surgery and new frontiers of data collection

1.00PM - 2.00PM

Lunch

2.00PM - 3.30PM

Artificial intelligence in the daily life of a clinician

3.30PM - 4.00PM

Coffee break

4.00PM - 6.00PM

VR, Simulation, 3D printing and novel training models

8.00PM

Event Social Dinner

Session 1

Session 2

Session 3

Session 4



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Preliminary program

Saturday September 21th

AI and Process optimization/decision support

8.00AM - 10.30AM Artificial intelligence and Decision Support beyond Large Language Models

10.30AM - 11.00AM Coffee break

11.00AM - 1.00PM System productivity, how complex model can improve healthcare efficiency

1.00PM - 2.00PM Lunch

2.00PM - 4.00PM AI and safety in the workplace

4.00PM - 4.30PM Coffee Break

4.30PM - 6.00PM Bridging the gap between clinicians and engineers

Session 5

Session 6

Session 7

Session 8



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