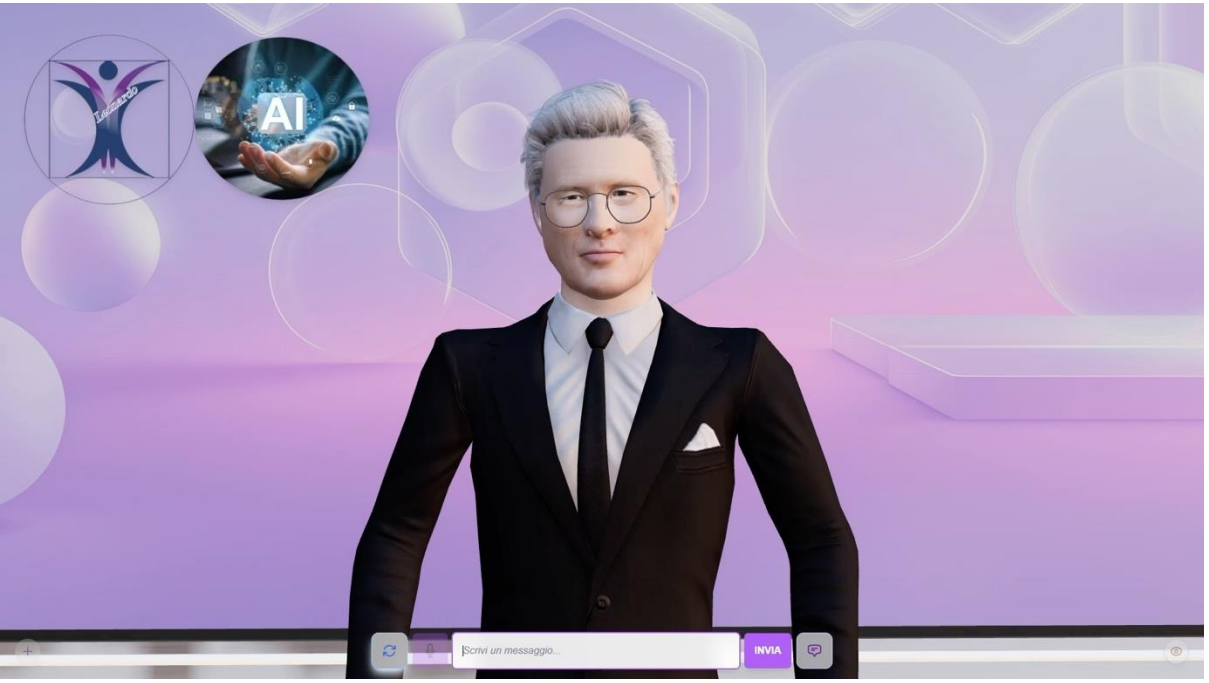
Ruolo dell'intelligenza artificiale nella pratica clinica

David Giannandrea

26/11/2025



Ruolo dell'intelligenza artificiale nella pratica clinica

David Giannandrea

26/11/2025

Affiliazioni

U.O. Neurologia – Centro Ictus

Ospedale Gubbio e Gualdo Tadino
Ospedale di Assisi

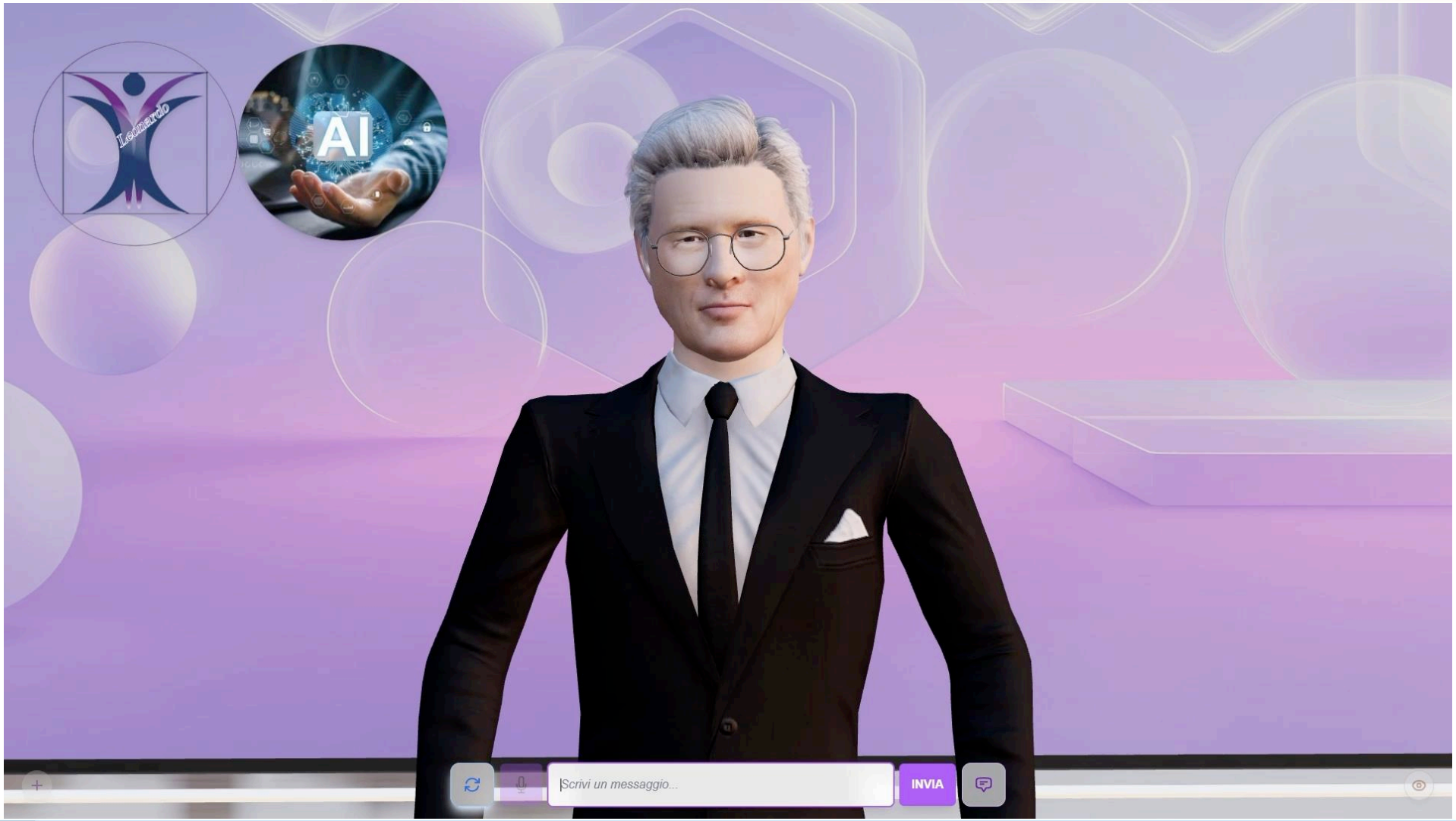
Gruppo Terapia Chirurgica e Metodologia

Linee Guida ISA - SPREAD

Cochrane Neurological Sciences

Vice-segretario Regionale

Segretario Aziendale USL Umbria 1


Leonardo
AI
Scrivi un messaggio...
INVIA

Memedical

Presentazione
FRM
Telemedicina
2021

Memedical

Presentazione FRM Telemedicina 2021

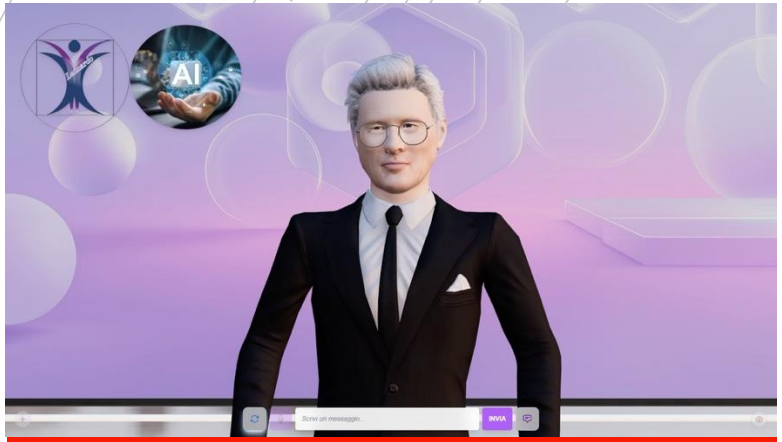
Memedical

riassunto delle attività didattiche di novembre per pikoli ancioli:

Presentazione
FRM
Telemedicina
2021


Leonardo
AI
Scrivi un messaggio...
INVIA

Definizione di Intelligenza artificiale
(parlamento europeo)



IA nei "miei ambiti"

Real-time identification of cerebral microemboli with US feature detection by a neural network.

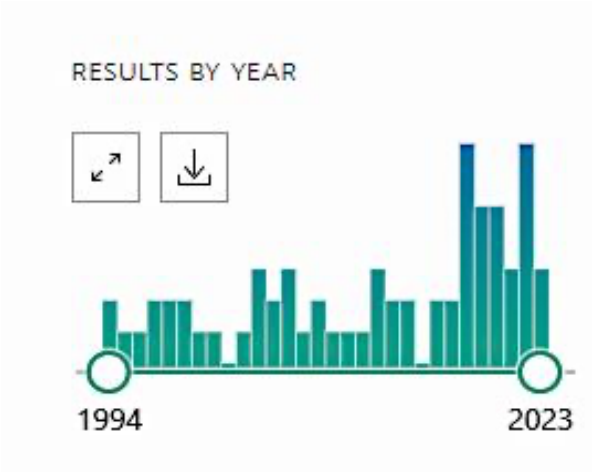
M Siebler, G Rose, M Sitzer, A Bender, H Steinmetz

Published Online: Sep 1 1994 | https://doi.org/10.1148/radiology.192.3.7914706

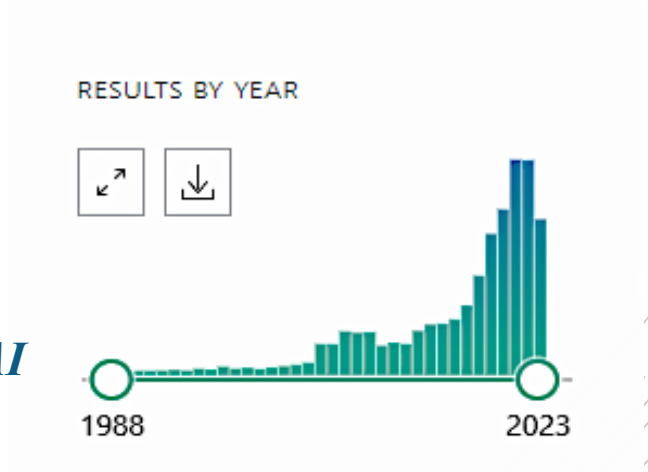
Abstract

PURPOSE: Abnormal transcranial Doppler ultrasonographic (US) signals indicating cerebral microembolism have characteristic but complex features. The authors wanted to assess the agreement among human observers and test the feasibility of an automated detection system. MATERIALS AND METHODS: Automated on-line detection of cerebral microemboli was accomplished by employing real-time overlapping Fourier transform and artificial neural network technology. By using long-term transcranial Doppler US recordings of the middle cerebral artery in consecutive cerebrovascular and cardiac patients, the method was evaluated in a clinical setting. RESULTS: The proportion of specific agreement (ps) among four experienced investigators identifying cerebral microemboli was high (mean ps, 0.91). Agreement among the neural network and the human observers was only slightly less (mean ps, 0.77). CONCLUSION: The technique allows highly reliable on-line evaluation of transcranial Doppler US recordings across multiple centers. It obviates time-consuming analyses by human observers.

IA nei "miei ambiti"



TCD and AI



Brain MRI and AI

IA nei "miei ambiti"

RAPIDAI

BRAINOMIX

Swift-Prime

Demonstrated the value of mechanical thrombectomy in improving outcomes for large-vessel occlusions treated within six hours

EXTEND-IA

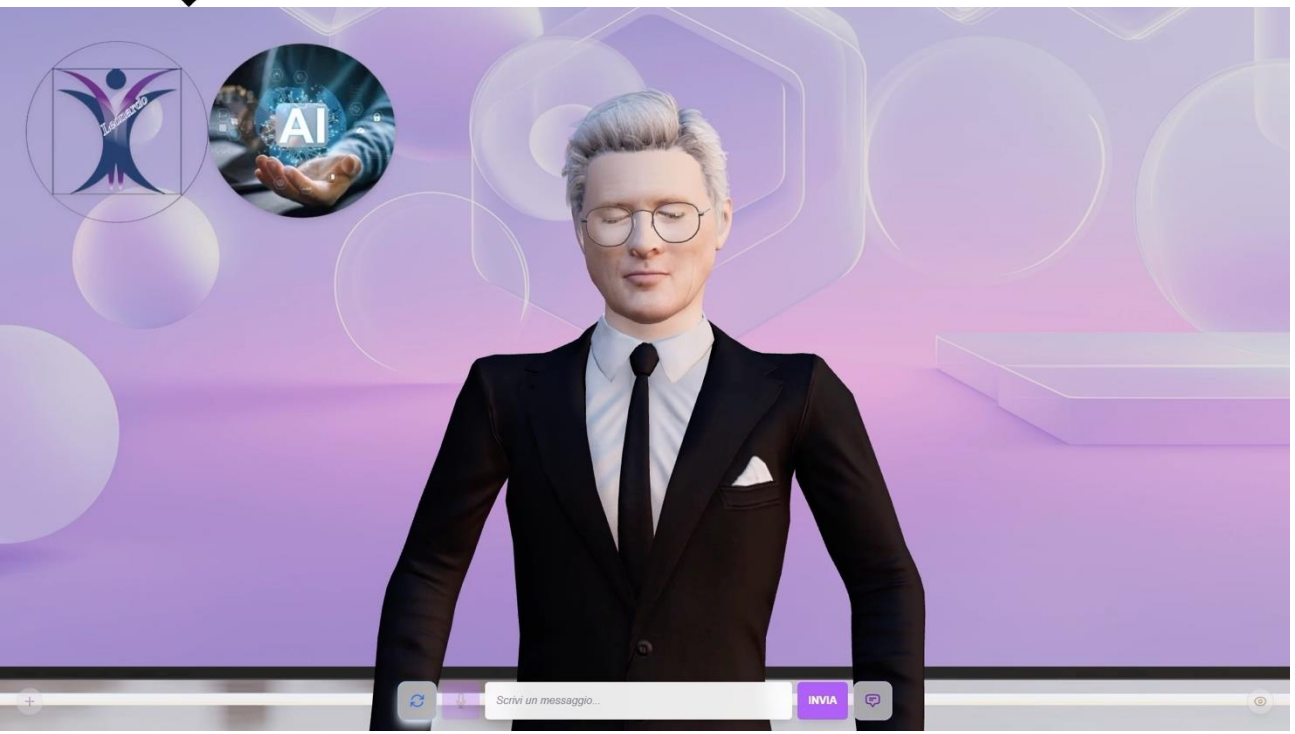
Showed advanced imaging selection, newer generation devices, and earlier intervention improves outcomes in 0-6 hr windows

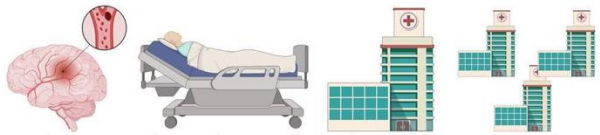
DEFUSE 3

Early termination for efficacy of extended window (6-16 hrs) thrombectomy in carefully selected patients

DAWN

Demonstrated superior outcomes using thrombectomy plus CMM vs CMM alone in 6-24 hr window

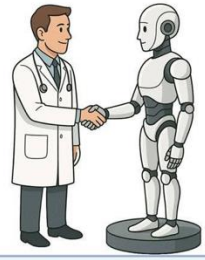




Stroke patients at large, academic hospitals and small, community hospitals

↓

AI and physician complement each other ("physician-in-the-loop") in executing complex, efficient acute stroke clinical trials



Platform, Pragmatic, Adaptive Clinical Trials
Platform: Answer multiple questions with same trial infrastructure
Pragmatic: Effectiveness of interventions in routine clinical practice
Adaptive: Pre-specified trial changes in response to accumulating data

↓

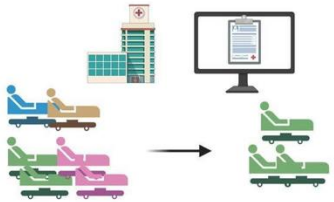
Trial Screening

Rapid integration of data by AI for identification of potential trial participants

Trial Enrollment

AI with detailed knowledge of trial assisting with consent and enrollment procedures

Trial Data Collection and Monitoring



Real-time monitoring of eligible patients, automated collection of data from the EHR, identification of patients most likely to benefit

Created in BioRender. Wechsler P. (2025) https://BioRender.com/2rfyhnw

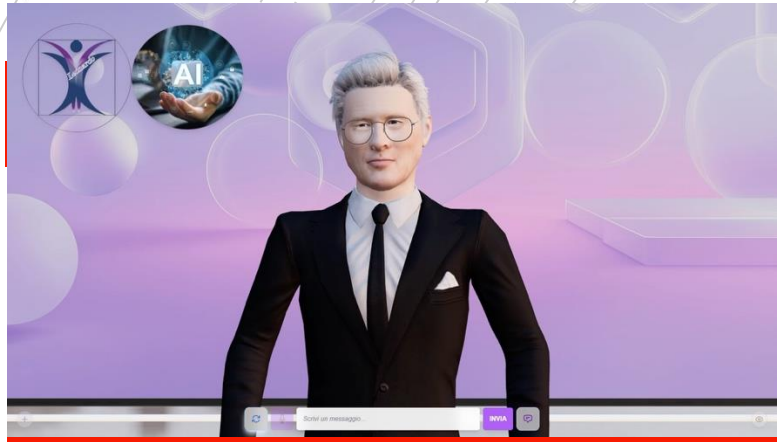
Funzioni umanistiche dell'IA

24 Management Formazione

Servono più umanisti per guidare la rivoluzione dell'intelligenza artificiale

di Fabio Costantini*

23 gennaio 2025



Funzioni umanistiche dell'IA

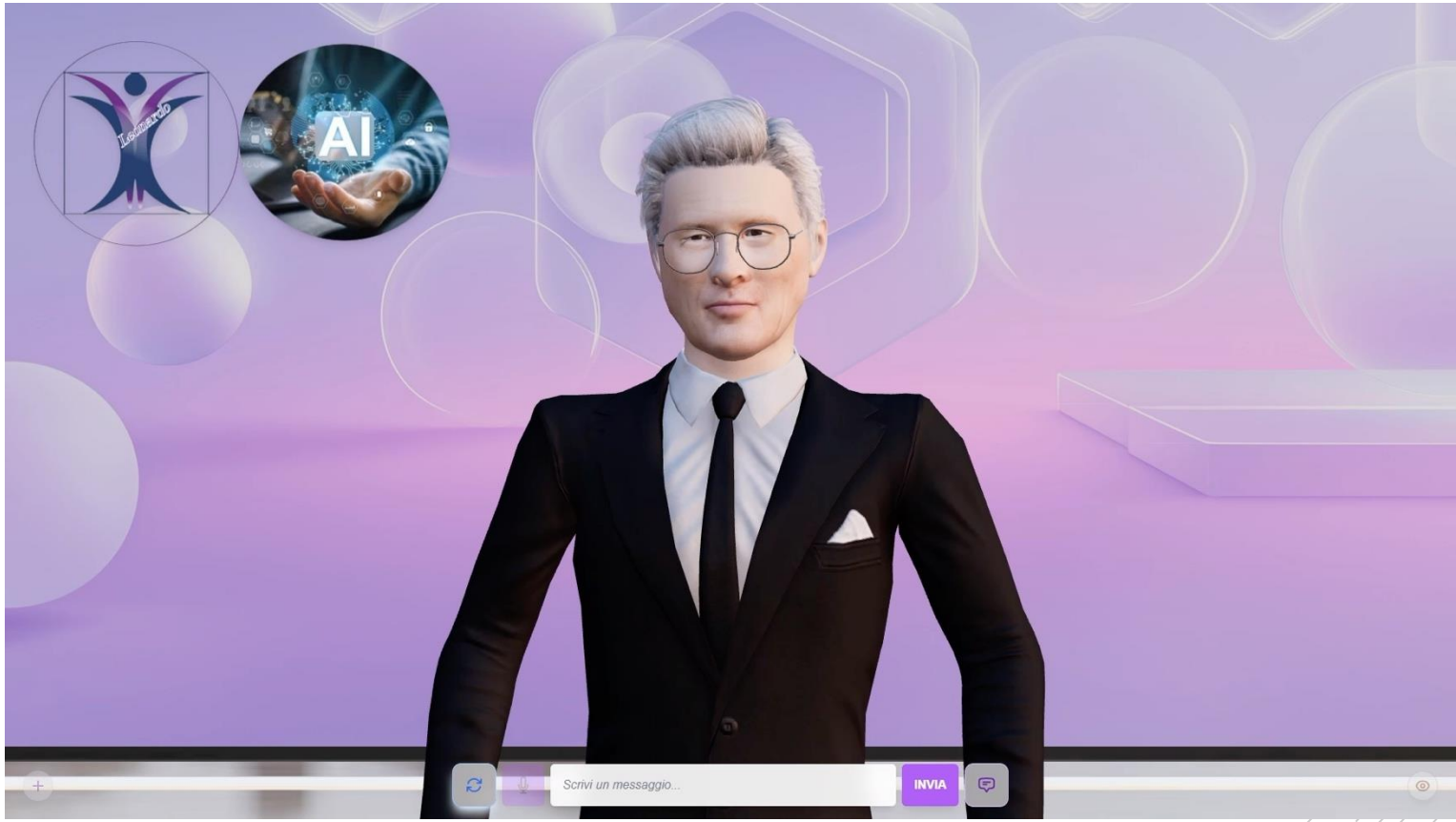
24 Management Formazione

Servono più umanisti per guidare la rivoluzione dell'intelligenza artificiale

di Fabio Costantini*

23 gennaio 2025

Esempio esemplificativo

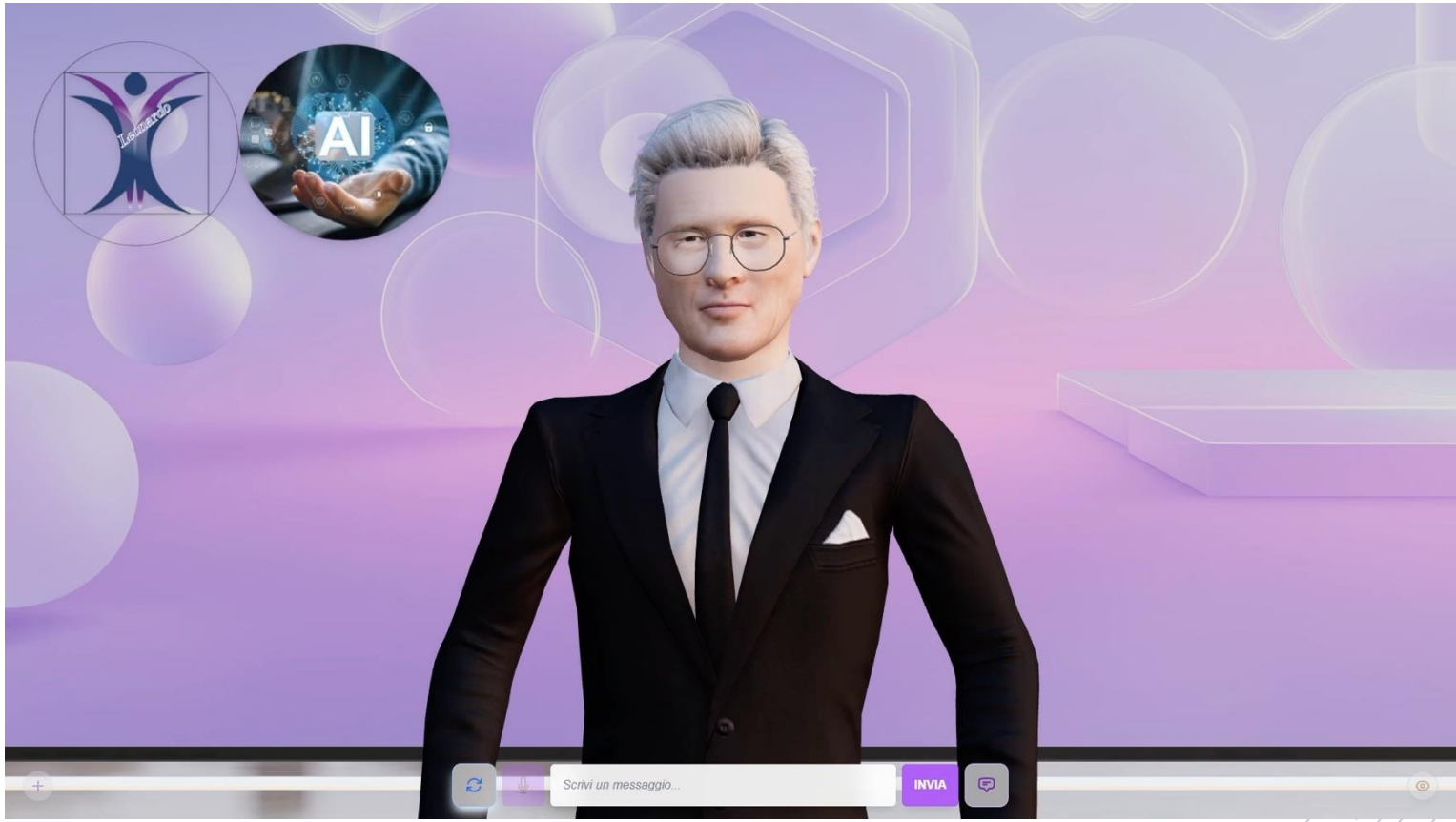


IA e formazione

- Chi mi conosce sa che sono ozioso… nemmeno la diapositiva preparo.
- A.I.D.A. pensaci tu!!!!

IA e formazione

Verso il finale



Gubbio (PG)

Ringraziamenti

USL Umbria 1

UOC Neurologia

Treia (MC)

)-(nteract INTERACTIVE COMMUNICATION

Ervesio Gammaidoni

Stefano Bocci

Ringraziamenti