

CONFERENCE

April 16th -17th 2024 3:00pm-7:00pm

Salone Borsellino, Palazzo Vermexio, Ortigia (Siracusa, ITALY)

Computational Biology for Future Disease Modeling: Is Artificial Intelligence the Way of the Future?

(Biologia computazionale per la modellazione futura delle malattie: l'intelligenza artificiale è la via del futuro?)

Embarking on a Journey of Discovery: An In-Depth Exploration into the Transformative Potential of Artificial Intelligence in the Intersection of Computational Biology and Cutting-Edge Scientific Research, Tailored Specifically for Professional Eager to Uncover New Frontiers in Biomedical Sciences

(Intraprendere un viaggio alla scoperta: un'esplorazione approfondita del potenziale trasformativo dell'intelligenza artificiale nell'intersezione tra biologia computazionale e ricerca scientifica all'avanguardia, pensata appositamente per i professionisti desiderosi di scoprire nuove frontiere nelle scienze biomediche)

Day 1 (April 16)

3:00pm Official Greetings

Dr. Eng. Guido Monteforte Specchi: President of the Order of Engineers of Siracusa

Dr. Francesco Italia: Mayor of Siracusa

Dr. Eng. Giuseppe Margiotta: Secretary of the National Council of Engineers

Dr. Eng. Fabio Corvo: President of the Regional Council of Engineers of Sicily

Dr. Alessandro Pitruzzella: President of the Order of Sicilian Biologists

Dr. Anselmo Madeddu: President of the Medical Association of Siracusa

Dr. Eng. Alessandro Caltagirone: Director of ASP (Provincial Health Company) of Siracusa

Dr. Chem. Giovanna Di Mauro: President of the Order of Chemists and Physicists of Siracusa

Dr. Chem. Giuseppe Tringali: Central Committee of the Federation of the Orders of Chemists and Physicists of Italy

3:45pm Exploring AI: History, Core Concepts, Data Science

Prof. Eng. Cristian Randieri

4:30pm Space Biology: A Journey Through Scientific Evolution

Dr. Afshin Beheshti

5:15pm Coffee Break

5:35pm Unlocking Mysteries in Space Biology: Computational Insights

Dr. Afshin Beheshti

6:15pm An overview of AI Modern Challenges, Ethical and Social Implications

Prof. Eng. Cristian Randieri

Day 2 (April 17)

3:00pm Case Studies: AI Applications in Science & Health Care

Prof. Eng. Cristian Randieri

3:45pm Special Focus: Revolutionizing Cancer Research and Understanding COVID-19 Long-Term Effects with AI, Computational Techniques and Systems Biology.

Dr. Afshin Beheshti

4:30pm Coffee Break

5:00pm Harnessing AI in Space Radiation Research

Dr. Sylvain Costes

5:45pm Unveiling the Potential: NASA OSDR/GeneLab Platform

Dr. Sylvain Costes

6:30pm Questions & Answers

Moderators: Dr. Eng. Vincenzo Gugliotta: Secretary of the Order of Engineers of Siracusa

Dr. Eng. Simona Ottaviano: Vice President of the Order of Engineers of Siracusa

*Iscrizioni: La partecipazione all'evento è gratuita ma è richiesto iscriversi utilizzando il link che verrà fornito prima dell'evento
Crediti formativi: Agli ingegneri iscritti agli Ordini Territoriali che seguiranno l'intero evento saranno riconosciuti 3 CFP/Giorno*