Program Overview

Conference Program at a Glance

VERSION 2 · LAST UPDATED AUGUST 3

Day 1
WEDNESDAY, 2 SEPTEMBER

08:45 – 09:15
OPENING REMARKS

09:15 – 10:30
SESSION 1
Bioinformatics Plenary

AULA MAGNA

10:30 – 11:00
COFFEE BREAK

11:00 – 12:00
SESSION 2
Parallel Oral Presentations

AULA MAGNA
SS11: GPU-accelerated analysis of single-cell and spatial omics

AULA GINI
SS1: AI and Computational Methods for Medical Informatics, Part I

AULA III
SS5: Biostatistical and Artificial Intelligence Methods for Personalized Medicine and Health

12:00 – 13:15
SESSION 3
Parallel Oral Presentations

AULA MAGNA
SS10: Computational tools for the effective design of mRNA-based therapeutics

AULA GINI
SS1: AI and Computational Methods for Medical Informatics, Part II

AULA III
Biostatistics Main Track

13:15 – 14:15
LUNCH

14:15 – 16:00
SESSION 4
Bioinformatics Plenary

AULA MAGNA

16:00 – 16:45
KEYNOTE
Nicola Segata

16:45 – 18:30
POSTER SESSION A / COFFEE BREAK

19:00 – 20:00
WELCOME COCKTAIL
Networking · Welcome Cocktail · Live concert by MuSa Jazz Orchestra

Day 2
THURSDAY, 3 SEPTEMBER

08:45 – 09:30
SESSION 1
Medical Informatics Plenary

AULA MAGNA
Medical Informatics Main Track

09:30 – 10:15
KEYNOTE
Marianna Rapsomaniki

10:15 – 12:30
POSTER SESSION B / COFFEE BREAK

12:30 – 13:30
LUNCH

13:30 – 15:15
SESSION 2
Parallel Oral Presentations

AULA MAGNA
SS15: Spatial Omics Analysis and Integration; SS4: Better Tools for Better Biology, Part I

AULA GINI
SS16: Quantum Artificial Intelligence for Bioinformatics and Biostatistics

AULA III
SS7: Computational Intelligence for Integrative Host–Microbe Genomics; SS8: Computational Intelligence Methods for Complex, Compositional, and Longitudinal Microbiome Data in One Health, Part I

15:15 – 15:30
COFFEE BREAK

15:30 – 17:15
SESSION 3
Parallel Oral Presentations

AULA MAGNA
SS4: Better Tools for Better Biology, Part II

AULA GINI
SS12: Machine learning for structured data in clinical informatics and medical biology

AULA III
SS8: Computational Intelligence Methods for Complex, Compositional, and Longitudinal Microbiome Data in One Health, Part II; SS13: Modern Bayesian Factor Models for Complex Biological Data

18:00
SOCIAL EVENT + SOCIAL DINNER
Terrazza Caffarelli, Altare della Patria

Day 3
FRIDAY, 4 SEPTEMBER

08:45 – 09:30
SESSION 1
Biostatistics Plenary

AULA MAGNA

09:30 – 10:15
KEYNOTE
Per Kragh Andersen

10:15 – 10:45
COFFEE BREAK

10:45 – 12:15
SESSION 2
Parallel Oral Presentations

AULA MAGNA
SS6: Chemoinformatics and computational chemistry for drug discovery and prediction of chemical properties and activities; Bioinformatics Main Track

AULA GINI
Medical Informatics Main Track

AULA III
SS2: AI2 in Healthcare: Artificial Intelligence Empowering Augmented Intelligence

12:15 – 13:15
LUNCH

13:15 – 14:00
INVITED TALK
Pavel Pevzner

14:00 – 15:45
SESSION 3
Parallel Oral Presentations

AULA MAGNA
SS14: Networks and Graph Neural Networks for Bridging Bioinformatics and Medicine

AULA GINI
Bioinformatics Main Track; Medical Informatics Main Track

AULA III
SS3: Bayesian Causal Inference for Public Health; SS9: Computational Methods for Mental Health and Well-Being

15:45 – 16:15
COFFEE BREAK

16:15 – 18:00
SESSION 4
Bioinformatics Closing Plenary

AULA MAGNA

18:00 – 18:15
CONCLUDING REMARKS
End of Conference