



AI for Life Sciences and Agri-Food Research

To address a question about nature, a scientist follows a well-established but increasingly complex workflow. They start by exploring and critically reviewing the existing literature, identifying gaps in knowledge, and formulating hypotheses. They then design experiments, collect data, and apply appropriate methods to process, analyze, and interpret the results. These findings are translated into scientific papers and grant proposals to sustain further research, and finally communicated beyond academia to society at large. This Summer School is designed to show how AI can support and enhance every step of this research



Piacenza & online



July 20– 24 2026



UNIVERSITÀ
CATTOLICA
del Sacro Cuore


SUMMER SCHOOL

Day 1 - Monday July 20

**From Scientific Questions to Knowledge:
AI for Literature and Evidence Synthesis**

Day 2 - Tuesday July 21

Data Analysis and Predictive Modeling

Day 3 - Wednesday July 22

**Experimental Design and Exploratory
Data Analysis with AI**

Day 4 - Thursday July 23

**Writing, Publishing, and Communicating
Science with AI**

Day 5 - Friday July 24

**AI Agents, Digital Twins, and Societal
Implications**

Morning: lectures

Afternoon: hands-on sessions

Round-table discussion bringing together scientific, social, ethical, legislative, and applied perspectives on AI, fostering a critical and balanced understanding of its role in contemporary and future research.

Full programme

Faculty

Paolo Ajmone Marsan

Full Professor, Director PhD School AGRYSISTEM

John Lewis Williams, Riccardo Negrini,

Licia Colli, Maria Antonietta Palumbo,

Marco Milanese, Fabrizio Capocasale

Università Cattolica del Sacro Cuore



Piacenza & online

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Early Registration

by May 31, 2026

Registration

by July 06, 2026

Learn more



Contacts & further info



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