

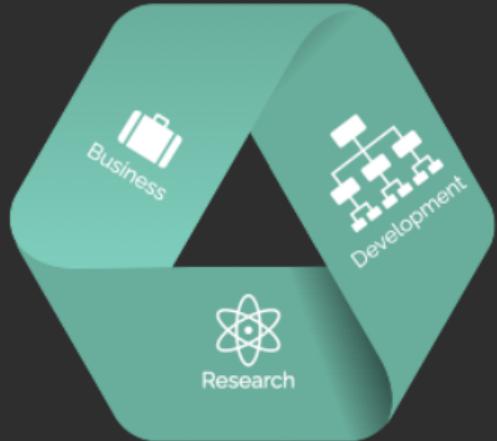
# Introducing Veos Digital

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# Overview



Simone Geravini,  
CEO



Roberto Guarnieri,  
COO



Vincenzo Picariello,  
CTO



Massimo Orlandi,  
President and investor



Riccardo Bani, Vice-  
president and investor



Egidio Ricciuti,  
Investor

# Artificial intelligence and applied mathematics laboratory

## Aim

The development of intelligible artificial intelligence solutions towards sustainability, and investigation of the interactions between biological and artificial intelligence in decision-making processes.

## People



Pietro Vertechi,  
Researcher



Axel Chemla,  
Research Fellow

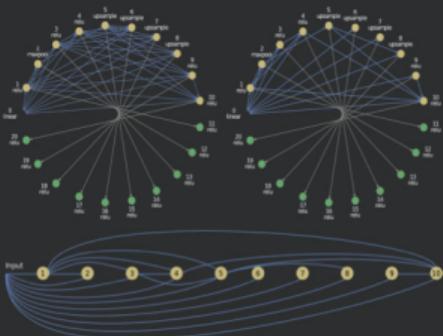


Marco Baratta,  
Engineer

# Artificial intelligence and applied mathematics laboratory

## Projects

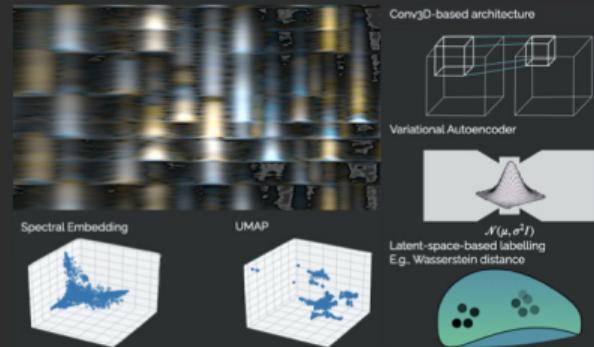
### Automated Machine Learning



### Explainable AI



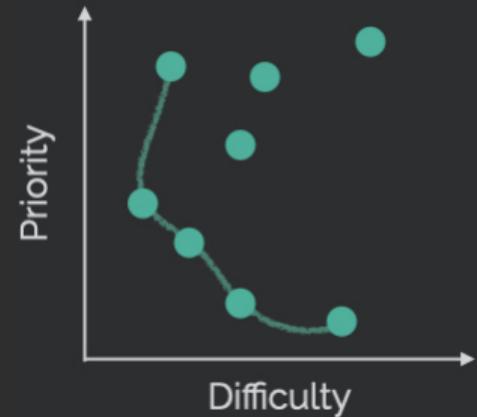
### Creativity and Decision-making



# What will I work on

Master 8    PhD 3    Hard 1

- ODE for time series**  
P1 🔥  
D2
- GUM: Generative unadversarial machines, GAN-based machines and Gradient-based regularization**  
P1 🔥  
D5
- Category theory**  
+ New
- Volterra convolution (Fourier)**  
P1 🔥  
D4  
Q 1
- Hyper-Parametric machines**  
P3  
D4
- AI interpretability and TDA**  
P2  
D2
- Autosupervision for parametric machines**  
P3  
D4
- Reinforcement learning with Parametric Machines**  
P2  
D3
- Data Visualization**  
P3  
D1
- Using colimits to combine Quiver Machines**  
P3  
D5



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