Centro interdipartimentale SmartData@PoliTO

Politecnico di Torino

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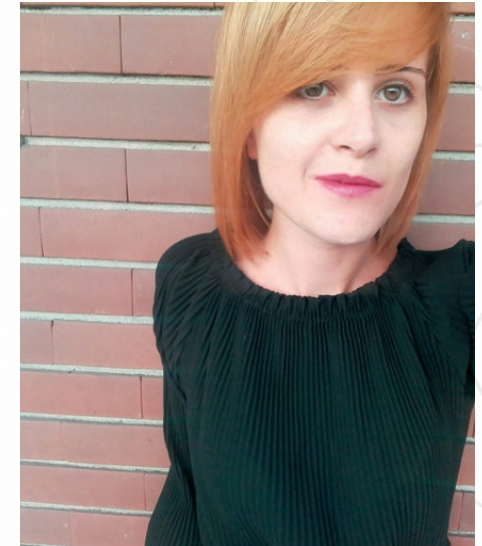
Who I am, what I have done

- My name is **Marilisa Montemurro**

- I graduated in **Computer Engineering** in **Politecnico di Torino** with a thesis named: *"Tools for integrative cancer data annotation: a visual-mining based approach"*

- The aim of my thesis project, developed with **DBDMG group**, in collaboration with **Candiolo Cancer Institute (IRCCS)**, was designing and implementing a data integration layer between the platform used in the IRCCS research laboratories and a 3rd-party application for cancer data mining and visualization

What I do, what I plan to do

- Phd Project: *"Modelling cancer evolution through the development of artificial intelligence-based techniques on temporal and spatial molecular data"*

- Supervisor: **prof. Elisa Ficarra**

- Co-supervisors: **prof. Paolo Garza**, **prof. Elio Piccolo**

- Short-term goal: to identify **cancer evolutionary metrics** and how they correlate, by means of **statistical methods** and **Bioinformatics** tools and methodologies.

- Long-term goal: to use such non-linear associations to build a **mathematical model** and, through **machine-learning** techniques, categorize cancers based on their evolutionary properties

Beyond research...

- I am a **curious** person who loves learning and experiencing new things

- I love **reading**, but i prefer essays to novels (currently I am reading a super-interesting neuro-science essay, *"Percezioni"*, by Beau Lotto)

- I also love **music**, it's the second thing I spend a lot of time on (you can guess which is my first time-consuming activity :))

- I don't like sports, but I enjoy being in movement and I also like to keep myself in fit, so I usually spend some time in the **gym**

I apologize for not being here today, I hope to catch you up soon.
In the meanwhile, I wish you a **Merry Christmas** and a **Happy New Year**!