ABOUT ME

Gianluca Perna

Born in Naples (NA) on 29/09/1993
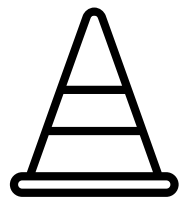
Torino (TO)

gianluca.perna@polito.it

PERSONAL INTERESTS AND GOALS

I love to **cook** and always put a part of me in my dishes, where I combine **taste with science.**

I also **love to travel,** to see new places and **discover new cultures.** In fact, I would like to be able to take my work away from home.

Finally I am passionate about everything related to the **universe** and **still unresolved questions.** I think this could be an interesting starting point for future research.
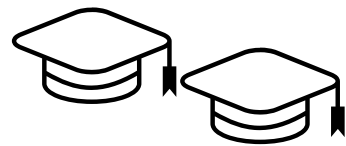
EDUCATION SUMMARY

work in progress
Phd in Electrical, Electronics and Communications Engineering
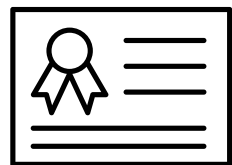*Politecnico di Torino*

Master Degree in Ict For Smart Societies
Politecnico di Torino

Bachelor Degree in Telecommunication engineering
Politecnico di Torino

High School **Diploma in Electronics and Telecommunications**

ABOUT ME, RIGHT NOW

I am a PhD student and have recently earned my Master's Degree in ICT for Smart Society.

Looking for new opportunities and experiences related to my skills and interests, I'm now collaborating with the SmartData Research group at Politecnico di Torino.

My PhD tutor is Professor Michela Meo who is following me in various projects.

ACTIVE PROJECTS

MY MASTER'S THESIS WORK

Machine Learning for video-conference traffic classification
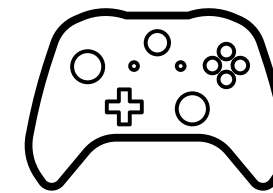
International project in collaboration with **Cisco**, leader in the networking sector, with a total duration of **three years**.

The aim of this work is to investigate the **flows exchanged by the meetings software**, in order **to classify** their nature, to provide a first basic tool, on which is then possible to build effective rules to define the **QoE** in this field.

To do this, we use **supervised machine learning techniques**, with the aim of classifying multimedia flows into seven different classes, to distinguish the type of information exchanged and to monitor the status of the service.

Politecnico di Torino - with Smart Data Research Group

OTHER WORKS

Characterization of traffic generated by cloud gaming applications (Ex. Google Stadia)
Politecnico di Torino - with M. Trevisan, D. Giordano, L. Vassio

Analysis of the behavior of videoconferencing applications on cellular networks
Politecnico di Torino - with M. Trevisan, D. Giordano

GOALS FOR THE FUTURE

I am ready to evaluate every project in which I can get involved and enrich my educational and professional heritage.