



MuMeT: International II Level Master in **Visual computing and Multimedia Technologies in the Deep Learning era.**

<http://www.mastermumet.unimore.it/>

A Master promoted by

Università di Modena e Reggio Emilia, Italy

Funded by MIUR National Technology Cluster program

The **MUMET II level Master** wants to create new professional figures with advanced knowledge on the emerging technologies in **visual computing, vision** and **machine learning**, and **intelligent multimedia systems**. There is now a large market request and a very few availability of expertise in these fields, required for new generations of intelligent computing systems both for industry 4.0 and for creative and cultural industry in smart cities and communities.

This is the II edition of a new shaped Master:

- five months university training
- six months stage in stage in a selected ICT company
- **12 grants available**: for 12 selected students registration fee is not required, and instead a benefit of € 2.000 is provided (Additional benefits are received as expense covering from the companies that will host the students for the 6-months apprenticeship).

TOPICS:

MULTIMEDIA TECHNOLOGIES

- Digitization
- Multimedia Search, Indexing, and Retrieval and summarization
- Augmented Reality

LEARNING TECHNOLOGIES

- Pattern recognition
- Machine learning
- Deep Learning

VISUAL COMPUTING

- Computer Vision, Image processing and Video Understanding
- Computer Graphics and 3D Reconstruction
- OpenCV programming

MANAGEMENT AND TECHNOLOGICAL INSIGHTS

- Web and Mobile Application Design
- GPU programming
- Project Management
- Big data analysis and decision making
- IoT, wearable systems

In addition, specific seminars will be organized by internationally recognized scientists and by IT companies. The master is in Italian/English Language.

Official UNIMORE access terms: <http://www.unimore.it/didattica/smater.html?ID=161>

Deadline 9/05/2017 Selections 16/05/2017

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