# MSCA-ITN-ETN CLIPE (Creating Lively Interactive Populated Environments)



CLIPE (http://clipe-itn.eu/) *is a Marie Sklodowska-Curie Innovative Training Network in the framework of Horizon 2020, starting on March 1st, 2020 with a four-year duration.  The network consists of 9 universities/research centers and 5 industrial partners.*

## CLIPE OBJECTIVE

The primary objective of CLIPE is to train a generation of innovators and researchers in the field of virtual characters simulation and animation. Advances in technology are pushing towards making VR/AR worlds a daily experience. Whilst virtual characters are an important component of these worlds, bringing them to life and giving them interaction and communication abilities requires highly specialized programming combined with artistic skills, and considerable investments: millions spent on countless coders and designers to develop video-games is a typical example. The research objective of CLIPE is to design the next-generation of VR-ready characters. CLIPE is addressing the most important current aspects of the problem, making the characters capable of:

✓ behaving more naturally;
✓ interacting with real users sharing a virtual experience with them;
✓ being more intuitively and extensively controllable for virtual worlds designers.

To meet our objectives, the CLIPE consortium gathers some of the main European actors in the field of VR/AR, computer graphics, computer animation, psychology and perception. CLIPE also extends its partnership to key industrial actors of populated virtual worlds, giving students the ability to explore new application fields and start collaborations beyond academia.

## BENEFITS

→ A multidisciplinary research network with the possibility to work in different research centres and top industrial partners across Europe through research stays.

→ Full time PhD scholarships for 3 years with a very competitive (gross) salary comprising of: mobility allowance of **600 EUR/month**, family allowance of **500 EUR/month** (depending on family status) in addition to living allowance as shown in the table below:

| PhD Host Country | Living Allowance Amount (EUR/ month) |
| --- | --- |
| **Spain** | **€ 3.119,58** |

## ELIGIBILITY REQUIREMENTS

- not to have resided or carried out their main activity (work, studies, etc.) in the country where the PhD takes place, for more than 12 months in the 3 years immediately prior to the recruitment date;
- be in the first 4 years of their research career and not have a doctoral degree (*The 4 years are measured from the date when the applicant obtained the degree which would formally entitle him/her to embark on a PhD*);
- have a Master's degree in Computer Science, Mathematics or Engineering (or an equivalent diploma allowing them to pursue a PhD);
- excellent/ good oral and written English language skills (if English is not his/her first language);
- good skills in scientific writing and results presentation.

If you fulfil the eligibility requirements, please contact us via email as soon as possible (*npelechano@cs.upc.edu*). Please, also attach a detailed Curriculum Vitae including undergraduate/ postgraduate degree results, motivation letter and a list of publications (if any).

**Starting date is by September 2020.** For more information about the project, please visit: http://clipe-itn.eu/