

## JOB OFFER

### "Contrato por obra o servicio con cargo a proyectos de investigación"

Temporary contract for a specific project or service charged to Research projects

Madrid, ...9 .....marzo.....20.. Day/Month/Year

1. Profile (select):

Research

I+D Management

2. Professional category:

POSTGRADUADO NO DOCTOR

3. Task to be develop:

(to be included in the contract)

Most of the research work will be conducted in the frame of one of the recently awarded projects in the European Quantum Flagship Program.  
The candidate will work in integration on Quantum Key Distribution Systems in novel networks paradigm. He/she will do research in interfaces, architectures, network optimization, deployment, etc. of quantum communications. The candidate will also be responsible for the integration of QKD Systems into real production networks, dealing with new research lines such as the coexistence of classical and quantum communications in the same physical media.

4. Place of work:

Center for Computational Simulation - ETSI Informática

5. Address:

Universidad Politécnica de Madrid, Campus Montegancedo S/N, Boadilla del Monte, C.P.28660, Madrid

6. Working time:

37,50 h/week (Full-time =37,5 h/week)

7. Annual gross salary(€):

€25.000,00

8. Expected duration (months)

24

9. Expected start date:

01-04-20

10. Required degree:

Degree in Engineering, Degree in Computer Science or equivalent

11. Required experience:

We are looking for motivated individuals willing to do research in the integration of quantum communications in telecommunications networks. We expect the candidate to be familiar with network paradigms such as Software Defined Networking and Network Function Virtualization as well as classical and modern network protocols and APIs. We also expect the candidate to have experience on optical networks and classical and modern cryptographic systems and algorithms. We will value the candidate's ability to work as part of a team, on his/her own initiative, and his/her communications skills. We also expect some experience in the development of high Technological Readiness Level software development.

12. Other

(Research group, research line, special conditions, etc., deemed necessary to clarify)

The candidate will join the research group on Quantum Information and Computation ([www.gcc.fi.upm.es](http://www.gcc.fi.upm.es)) at the Center for Computational Simulation ([www.ccs.upm.es](http://www.ccs.upm.es)), in collaboration with the Future Network Lab in Telefónica.

Applicants must sent a curriculum vitae to: [gestion.ccs@upm.es](mailto:gestion.ccs@upm.es) (e-mail)

Deadline for curriculum vitae admission: Day/Month/Year 22 March 20 at 23:59 a.m./p.m. hours

NOTE: The job offer must remain published in the noticeboard of the center and/or web, during at least 10 calendar days

Responsible Researcher:

Signed: Vicente Martín  
(Name and surname)



Stamp of the institution

DIRECCIÓN  
ESCUELA TÉCNICA SUPERIOR  
DE INGENIEROS INFORMÁTICOS



JOB OFFER AND RESOLUTION PUBLISHED in:

Date of publication: Day/Month/Year ..10 / ..03 / 2020

Date of resolution: Day/Month/Year ..26 / ..03 / 2020

Noticeboard of the institution: Center for Computational Simulation - ETSI Informática

Web (Please indicate the complete web address and attach a screen copy:

[www.ccs.upm.es](http://www.ccs.upm.es)

There are 5 working days to appeal the resolution from the date of publication of the resolution.