APPLICATION FORM

Application form for participation in the call for the recruitment of **15 Early Stage Researcher Fellowships (ESR) - 3 year PhD positions (TeamUp5G Marie-Curie ETN)**

Date of application:

INFORMATION ON THE REQUESTED POSITION

Position reference (ESRx):

Host Institution:

If you apply to more than one position, please say which ones in the preferred order (please include number in the left square, with 1 indicating preferred choice). If you apply to more than one position in the same host institution, please send only one application form and document set. However, if you apply to several host institutions, please send an application form and document set to each of them.

☐ ESR1 – New Scheduling Algorithms for Interference Management in Small Cells at millimetre-wave frequencies.

☐ ESR2 – New Transmitter and Receiver Algorithms for mMIMO with Limited Channel State Information.

☐ ESR3 – Interference management for visible light communications in radio-frequency hostile environments.

☐ ESR4 – PHY/MAC Design of Future SCs adopting Multi-packet Reception and Full-Duplex Communications.

☐ ESR5 – Cell-less RAN and cooperative schemes for interference management.

☐ ESR6 – Opportunistic Gathering of Sensing Data.

☐ ESR7 – Licensed Shared Access in Heterogeneous Networks with Small Cells.

☐ ESR8 – Waveforms and separation algorithms for joint use in radar and communications.

☐ ESR9 – Architectures and Supporting Algorithms for Spectrum and CA for Small Cells and Ultradense Deployments.

☐ ESR10 – Coexistence of Small Cells and Low Power Wide Area Networks for Supporting IoT Connectivity.

☐ ESR11 – New Interference-Based Dynamic Channel Access Algorithms for Ultra-Dense Small Cell Deployments.

☐ ESR12 – Signal Processing Techniques for Massive MIMO Enabled mm Wave Communication.

☐ ESR13 – Design of Privacy Preservation Mechanisms and Secure Authentication in small cell networks.

☐ ESR14 – Development and production of Drone-Mobile Smallcell Station´s prototypes.

☐ ESR15 – Application of 5G Ultra-Dense Networks for the distributed implementation of immersive media rendering.

PERSONAL INFORMATION

Family name:

Name:

Male/Female/Prefer not to say (for statistical purposes)**:**

Identity card number/Passport number:

Address, city, state, zip code:

Nationality (for statistical purposes)**:**

Phone number:

Email Address:

ATTACHED DOCUMENTATION:

Present all documents into one **single** PDF file.

Only applications that include all required documentation indicated in this section, submitted electronically, and within the deadline specified in the "Application deadline" section will be taken into consideration.

- Application form
- Transcripts and certifications from University:
    - Bachelor degree, including class ranking if possible.
    - Master degree, including class ranking if possible.

- Curriculum vitae of at most 3 pages. Europass C.V. format preferred (https://europass.cedefop.europa.eu/documents/curriculum-vitae)
- Supporting letters from two referees.
- Brief description of why the applicant wishes to become a PhD student within TeamUp5G.

By submitting this application by electronic means, the applicant authorises the members of TeamUp5G consortium to store and share this information for the purpose of the recruiting process.

APPLICATION DEADLINE: 31/03/2019