



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIPARTIMENTO DI
INGEGNERIA DELL'ENERGIA ELETTRICA
E DELL'INFORMAZIONE "GUGLIELMO MARCONI"

Reference No 28 /2021

File No.1301, June 14, 2021

Call for selection of 1 visiting fellow to the Department of Electrical, Electronic and Information Engineering "Guglielmo Marconi" (DEI) for "Fellowship in approaches, methods and practices in integrated circuit design in leading fabless companies"

Application deadline: June 28th, 2021 (3:00 p.m CET)

Art. 1 – Subject and duration

The Alma Mater Studiorum – University of Bologna – Department of Electrical, Electronic and Information Engineering "Guglielmo Marconi" (hereinafter, DEI), hereby issues this call for applications concerning 1 visiting fellow positions for research fellow coming from abroad invited to share their research activities, knowledge and results. The length of the stay shall be 365 days during the period **July the 1st 2021 – June the 30th 2022**.

Please note that the starting date of Fellowship period may change due to COVID 19 outbreak and immigration issues

People with the following job titles are eligible to apply:

- **R4 Leading Researcher in system-on-chip architecture and mixed-signal electronic design.**

Application is open exclusively to: senior candidates with at least 15 years of past experience in industrial environment on System-on-a-Chip (SoC) design, including at least 5 years at Chief Technology Officer (CTO), Chief Scientist, and/or Chief Architect level, with experience in organization of international conferences on solid-state circuits design, and holding Ph.D. degree in Electrical Engineering.

Activities of the visiting fellows, that will be carried out within the Department facilities, will consist in the collaboration with professors and researchers of the DEI: and particularly with the research groups of Professors Marco Tartagni and Luca Benini, on the topic of integrated circuit and system-on-chip design. The main goal of the fellowship is to collaborate and gain insight at both the educational (MS and Ph.D. programs) and the research levels, on approaches, methods and practices in integrated circuit design in leading fabless companies. In more details, collaboration shall be focused on one or more of the following activities:

- joint research activity on the architectural level, mixed-signal integrated circuits design;
- joint research activity on Heterogeneous System on a Chip or System on a Package;

- joint organisation of research seminars/workshops;
- drafting of jointly-authored publications;
- joint participation in calls for proposal at European and international level;
- seminars/classes on the visiting fellow research activities to be mainly addressed to PhD students and research staff;

The period of stay shall not be required to be continuous.

Splitting the period of stay in two or more sessions is possible, but the minimum duration of at least one stay must be 5 days.

Art. 2 - Remuneration

Visiting fellow will:

- receive reimbursement of travel, accommodation, visa expenses. The selected visiting fellow will have to purchase his/her airplane ticket, get accommodation and a visa, if necessary. The Department will reimburse these costs once the proofs of payment have been submitted;
- have access to the facilities and IT resources of the Department of DEI.

The reimbursement will also include the premium for insurance coverage against accidents and third-party liability (called 'RCT' in Italy). The RCT policy will be limited to the activities listed in the invitation letter that take place within the university facilities.

Art. 3 - Application submission: terms and methods

The application must include all required documents and must be sent by the candidates **no later than 3.00 p.m CET on June 28th, 2021** to the following e-mail address: dei.amministrazione@unibo.it Applications shall be submitted exclusively via e-mail; documents submitted in any other way will not be accepted. The application must include:

1. the application form filled in with the personal and professional data of the visiting fellow (annex 1);
2. a scanned copy of the visiting fellow's valid passport (or ID if EU/EEA/Swiss citizen);
3. the visiting fellow *curriculum vitae et studiorum*;
4. a letter of intent stating the research area of interest, the planned activities, the proposed theme and abstract of workshops/events of scientific nature/seminars for PhD candidates and research fellows that the visiting fellow shall hold.

Art. 4 - Award criteria

The applications will be evaluated by a selection committee appointed by Head of Department urgently decree (Rep.n° 124/2021 Prot n°1300 del 14.06.2021) on the basis of the following criteria (max. 100 points):

1. scientific and industrial profile of the candidate (max. 60 p.);
2. originality of the visiting fellow's mobility project (max 20 p.);
3. relevance of the mobility project with regard to the scientific development objectives of the Department (max 20 p.).

The results will be published on the website bandi.unibo.it.

Art. 5 - Acceptance

Winners will be notified by formal communication from the Head of Department **sent no later than June 30th, 2021**, via e-mail. **Within 10 days** of receipt of the formal communication, the visiting fellow must formally accept the position by sending a confirmation message to:

dei.amministrazione@unibo.it. A lack of response within that deadline will be taken as a forfeit of the position.

Art. 6 - Further obligations

Immigration rules and health insurance

The visiting fellow arrival and residence in Italy are regulated by Italian law. It is up to the visiting fellow to obtain the visa and all other authorisations, where necessary, to enter into Italy and carry out the activities as described in this call for applications.

The awarding of the visiting fellow position does not involve for any right to benefit from the Italian National Health Service. Visiting fellows are required to arrange for their health coverage.

Safety and health at work

The visiting fellow undertakes to comply with the rules and instructions about accident prevention, safety and health protection in the workplace and to attend the appropriate compulsory training courses. Training courses are available [online](#).

Ethical Code of Behavior

The visiting fellow undertakes to uphold and apply in full the rules of the University Ethical Code of Behavior available on: www.unibo.it/codiceetico

The visiting researcher expressly undertakes, for the entire duration of the research period at the University and for five years following its end, not to disclose the Confidential Information and not to make it in any way accessible to third parties, as well as not to use in any way the Confidential Information for purposes other than those connected with the research activity carried out at the University of Bologna.

Confidential Information are any information, data or knowledge of a technical, scientific, commercial or financial nature, which has economic value as it is reserved, whatever the form of expression or the storage system, which has been communicated to the visiting researcher in the performance of the research programme of this call, even when not specifically and clearly qualified as "confidential" or "secrets".

Intellectual property

This issue will be treated by KTO Process Unit of the University of Bologna at the contract stage.

Art. 7 - Final report and payment

At the end of his/her stay, the visiting fellow shall provide a final detailed report of the activities carried out.

Art. 8 – Publication of the call

This call is published on the website bandi.unibo.it.

Art. 9- Final provisions

The University of Bologna Statute and Regulations and Italian law shall apply to all aspects not regulated by this call.

Art. 11 – Information notice concerning data processing

Personal data collected are processed as described in the "Privacy policy for participants in the University's competitive selection procedures" available at: www.unibo.it/privacy

The information is published in compliance with art. 13 and 14 of Regulation (EU) 2016/679 (GDPR).

Contacts

For further informations please contact: **Mr. Federico Mosca** at DEI Amministrazione

Tel. 051-2093955

E-mail :federico.mosca5@unibo.it

The procedure manager is Dott.ssa **Barbara Di Placido**, e-mail: **barbara.diplacido@unibo.it**

Data, 14/06/2021, Bologna

Head of Department
Signed Prof. Ing. Claudio Melchiorri