



UNIVERSITÀ
DI SIENA
1240

**COMPETITION ANNOUNCEMENT FOR A SCHOLARSHIP FOR
GRADUATES IN TELECOMMUNICATIONS ENGINEERING
DEPT. OF INFORMATION ENGINEERING
Academic Year 2012-13**

AREA SERVIZI AGLI STUDENTI
Divisione Orientamento e Diritto allo Studio
Ufficio Borse e Premi di Studio

Provision of the Head of Administration index no. 914
Ref. no. 54795-III/9
23/11/2012

THE HEAD OF ADMINISTRATION

- Having regard to the laws on university education;
- Having regard to pars. 1 and 2 of art 6, Law no. 168 of 9 May 1989 regulating university autonomy;
- Having regard to the Statute of the University of Siena issued with Rector's Decree no. 746 of 31 October 1994, published in the Italian Official Journal no. 275 of 24 November 1994, as subsequently amended;
- Having regard to Law no. 398 of 30 November 1989 laying down "Rules on university scholarships" concerning the part still applicable;
- Having regard to par. 3, art. 4 of Law no. 210 of 3 July 1998;
- Having regard to art. 4 of Legislative Decree no. 165 of 30 March 2001 regarding the functions and responsibilities of the governing bodies;
- Having regard to Legislative Decree no. 196 of 30 June 2003, the "personal data protection code";
- Having regard to Law no. 240 of 30 December 2010 (Gelmini Law);
- Having regard to D.R. n. 1381 of 28/07/2011, published on B.U. n.94 where the Ethic Code for the University Community is issued;
- Having regard to the decision of 9 October 2012 of the **Board of the Department of Information Engineering** of the University of Siena, containing the request from Prof. Giovanni Giambene to establish 1 (one) scholarship of height months and fifteen days for € 9.172,23=, according to the research project description, attached to the above Department decision;
- Having regard to the D.D.A. Rep. 1373/2012 Prot. n. 45610 dated 04/10/2012, which regulates the procedures for awards, fellowships, and stage reimbursement;
- Having taken note that the **Board of the University of Siena in its meeting of 26 October 2011** decided to modify some parts of the above mentioned DDA 1373/2012= ;
- Having ascertained the effective availability of the abovementioned funds, collected with **collection order no. 5281 of 13 December 2011, chapter 03302;**

ORDERS AS FOLLOWS

Art. 1 – Subject and duration

The University of Siena issues a call for applications, based on qualifications, to grant 1 (one) scholarship. Applicants must possess an **Italian Laurea Magistrale in Telecommunications Engineering or equivalent five-year degree or master's degree obtained abroad, awarded within the past five years**. The winner will be involved in research activities within the research project entitled "*Optimization of resources for terrestrial and satellite radio networks*", under the supervision (Tutor) of **Prof. Giovanni Giambene** at the Dept. of Information Engineering. **The scholarships amounts to € 9172,23=** (gross amount for the scholarship recipient, as specified at Art. 9 of this call) and has a duration of **8 (height) months and 15 (fifteen) days** (with the possibility of fellowship renewal for a further period of time, as specified at Art. 7 of this call).

Art. 2 – Recipients and incompatibilities

Citizens of any (European or non-European) nationality can apply for this scholarship, provided that, at the deadline of this call, they have not achieved the degree requested by more than five years and provided that they are less than 35 years old. Candidates, who have a degree of consanguinity or affinity, until the 4th degree, with a professors belonging to the Department requesting the activation of

this scholarship, with the Rector, with the Head of Administration or with a member of the Board of the University of Siena, cannot participate to this call.

During the period of the scholarship the recipient of this scholarship cannot have other scholarship grants, unless those provided by national or international institutions aimed at integrating the activity of the student because of a period of stay abroad for research duties.

This scholarship grant cannot be combined with other fees in the cases foreseen by laws and with employment contracts, except that those are occasional grants, which are considered by the Tutor as compatible with the scholarship activity by means of a written and motivated declaration.

Art.3 – Objectives of the research activity

The scholarship is targeted to the activities carried out in the framework of the research project, as described at the previous Art. 1 under the responsibility of the Tutor in the Department of Information Engineering of the University of Siena. The objective of this research is to study the optimization of the performance of heterogeneous mobile communication systems, having a terrestrial and a satellite component. In particular, this scholarship will focus on the modellisation of next-generation systems (e.g., LTE-A and DVB-RCS2) for radio-communications with special attention to those techniques, which allows to increase system throughput.

Art. 4 – Selection

This scholarship will be granted following the evaluation of qualifications. Preference will be given to those candidates who already have scientific publications, experience of research in international teams, and who are admitted to a PhD course without a grant and on similar topic. The evaluation committee, if needed, may book an interview (also using a telematic procedure) with the candidates in order to assess candidates' backgrounds in the specific field of study that the scholarship is designed for, and, in particular, on the following topics: analytical optimization methods, transport protocols, traffic scheduling, wireless networks.

The interview will be open to the public.

Notice of the date, time and place of the interview will be e-mailed to each candidate at least seven days before the interview takes place.

Candidates must show their own identity card/passport.

Art. 5 – Awarding of the scholarship and payment

The scholarship will be awarded by a Rector Disposition, signed for the lawfulness and the coverage of expenses by the relevant responsible manager, after the decision made by the Evaluation Committee, which will be nominated through a special provision. The Commission will be composed of at least three members and possibly a substitute, who are appointed by the related structure. A member of the commission can be a delegate representative of the body providing the funds.

The Commission's decision will be final.

The Commission will give each candidate a score out of 100 (including also the interview, if needed).

Candidates must achieve a final total score of at least 60/100 to be considered eligible.

Once the evaluation phase is completed, the Commission will draw up a report/minutes of the proceedings with a list of candidates in order of merit and send them to the *Ufficio Borse e Premi di Studio*.

Payments of the scholarship will be made on a monthly basis in arrears (the payment of each month will be postponed to the following month).

Should any further financial resources become available for other scholarships on the same subject, the same list may be used to allocate them.

Art. 6– Applications

Applications must be made using the relevant form and addressed to the *Magnifico Rettore*.

They can be posted, e-mailed (to: borse.premi@unisi.it), or delivered by hand to the *Magnifico Rettore, Università di Siena, Via Banchi di Sotto, 55 – 53100 Siena, Italy* **to arrive no later than 07 DIC. 2012**.

Postmarks will NOT be honoured.

Those who post or e-mail their application are kindly requested to call the *Ufficio Borse e Premi di Studio* when they send their application (which must in any case be recorded as received by the deadline).

The envelope/mail must bear the following: *Domanda di partecipazione a concorso per borsa presso il Dipartimento di Ingegneria dell'Informazione*.

For further information candidates can contact the *Ufficio Borse e Premi di Studio* at: tel. + 39 0577-232421/232365/232369; e-mail: borse.premi@unisi.it

PLEASE NOTE that a copy of the applicant's valid identity card/passport must be enclosed with applications sent by post, e-mailed or delivered by hand by a person other than the applicant, under Art. 38 of Presidential Decree no. 445 of 28 December 2000.

The applicant must declare the following:

- full name, place and date of birth, nationality, Italian Fiscal Code (if any), residence and elected domicile for the purposes of the competition, telephone number, e-mail address;
- title and date of degree obtained, name of the university that awarded it and final examination/degree grade;
- to fulfill the requirements envisaged by this announcement for selection.
- that he/she authorizes the use of his/her personal data according to the laws in force.

The applicant must enclose with his/her application:

- abstract of his/her degree thesis;
 - a Curriculum Vitae (signed);
 - any other qualification or publication or reference deemed to be useful;
 - a copy of his/her Italian Fiscal Code (if any).
- Any documents enclosed must be listed on the application form.

Candidates with a foreign academic degree must enclose with their application:

- original degree certificate with transcript of exams and grades, or official translation, in Italian or English, and
- a copy of any other documents, qualification, publication deemed relevant for the evaluation of the admissibility of their degree.

Candidates in possession of a foreign degree will be admitted to the selection process on a provisional basis. Should their foreign degree be found not to meet the requirements of this call, the candidate in question will be excluded from the selection process. For the sole purpose of the competition, the Commission will decide on the validity of all qualifications submitted. Under Law no. 104 of 5 February 1992, disabled candidates may mention their condition to obtain any aids or assistance necessary to perform the examination, including additional time for the interview.

Art. 7 – Scholarship typology, duration and renewal

The scholarship grant does not represent an employment, it does not imply social security and welfare treatment, it does not entails economic and law recognition for the carrier, it does not entail any automatic retirement benefits. This scholarship, in the presence of suitable financing, can be renewed only once, provided that the renew fulfils the maximum total limit of 3 years of duration.

Art. 8 – Rights and obligations of the recipient

The recipient of the scholarship is entitled to access the university structures he/she is assigned to and to use all available services according to the regulations of the structure in question, and must comply with the structure's regulations and safety rules.

The recipient of the scholarship must guarantee his/her presence at the structure he/she is allocated to, **according to the conditions to be agreed on with the Tutor, for the entire duration of the scholarship, starting from the month in which the scholarship is assigned.**

Failure to comply with the rules may result in immediate loss of the scholarship, subject to the final decision of the Tutor.

At the end of the period covered by the scholarship, a final report must be drawn up concerning the activities carried out and the results attained. This report must be signed by the recipient of the scholarship and countersigned by the Tutor. A copy of this final report must be sent to the Ufficio Borse e Premi di Studio.

Upon request of the interested party, the recipient's activity and relative scholarship may be suspended for maternity leave or leave for serious documented illness (lasting more than thirty days), it being understood that any such periods shall be subsequently made up for.

Should the recipient of the scholarship intend to give it up, he/she is required to notify the Tutor, who must inform the *Ufficio Borse e Premi di Studio*. Payments made for the periods of actual possession of the scholarship until the date of renunciation need not be returned.

In case of scholarship renunciation (even before the start of the activity) or decay, the scholarship is terminated by means of a Rector Disposition, after validation made by the responsible manager. In these cases, upon proposal made by the Tutor who is responsible of this research activity, the next one (if any) in the list of eligible persons will be considered for the scholarship according to the order of merit. If the scholarship activity has already started, the next one in the list will be considered only if the remaining funds allow to provide a scholarship for at least 6 months, if this is compatible with the disposition of the financing body.

Art. 9 – Insurance coverage and tax provisions

The University of Siena will provide insurance to cover against professional risks and accidents in the workplace and the liability with regard to research activity.

The scholarship exploits the exemption as foreseen at Art. 4 comma 3 L. 210/1998, as explained by "Risoluzione dell'Agenzia delle Entrate" n. 120/E dated 22/11/2010.

In the case that the tax law will be modified during this scholarship, the new tax provisions will be notified to the beneficiary.

Art. 10 – Processing of personal data

In accordance with Art. 13, Par. 1 Legislative Decree No. 196 of 30 June 2003, personal data provided by candidates will be kept by the University of Siena for the purposes of managing the selection procedure. The provision of personal data is compulsory to permit the evaluation of participation requirements: failure to provide such details will result in the exclusion from the selection process. The interested party enjoys the rights provided at Art. 7 of the abovementioned Legislative Decree, including the right of access to any data concerning him/her. Such rights can be asserted against the *University of Siena – Via Banchi di Sotto 55 – 53100 Siena*, as data controller.

Art. 11 – Acceptance of the scholarship

The winner of the scholarship will be called to the *Ufficio Borse e Premi di Studio - Via Sallustio Bandini, 25 – 53100 Siena* to accept the scholarship and undertake the commitment to start the study activities.

All competition participants will be informed of the selection results by e-mail.

Art. 12 – Final provision

This call and relative application form are available at the *Ufficio Borse e Premi di Studio* and on the website www.unisi.it/didattica/bandi_e_borse and in the online bulletin board of this university. For any matters not covered by this call, the laws in force on university scholarships will apply.

Siena, 23 NOV. 2012

on behalf of the Head of Administration
Donatella Parrini – responsabile della Divisione Orientamento e Diritto allo Studio