UNIVERSITÀ DEGLI STUDI DI TORINO

SECOND CALL FOR PHD POSITIONS – 35 CYCLE
July's session

PHD PROGRAMME IN COMPUTER SCIENCE

PhD Programme Coordinator	Prof. Marco Grangetto
Department	Computer Science
PhD Programme Length	3 years
PhD web site	http://dott-informatica.campusnet.unito.it/do/home.pl
Course start date	November 1st, 2019
Departments involved in PhD programme	Computer Science Department

Positions offered [1]	
n. 4 positions with apprenticeship contracts	of which: - n. 1 apprenticeship position at SANTER REPLY S.p.A.; - n. 2 apprenticeship position at o SPEA S.p.A.; - n. 1 apprenticeship position at SYNESTHESIA S.r.l.

CALL FOR POSITIONS	
Admission procedure	
Assessment of qualifications and interview	
Qualifications to be uploaded on the on-line application	
● Research project (max 2000 words, bibliography excluded) written in English by the candidate choosing a subject concerning one of the projects offered by the PhD Programme ● Letters of reference signed by professors or qualified researchers (max 2) (see art. 5 of the Call) ● Publications (max. 2)	
Assessment criteria	**maximum score 100 points**
Assessment of qualifications:	**maximum score 30 points**

Final grade of Italian Laurea Magistrale/second cycle degree. Said L the degree score in 110 scale the points are computed as follows:
    L=110 and 110 cum laude: 15 points
    L<=99 (less than or equal to 99): 3 points
	maximum score 15 points

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[1] All additional scholarships and apprenticeship contracts (Legislative Decree no. 81/2015 art.45), which may become available after the publication of this Call, will be announced on the University websites http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca and http://en.unito.it/research/phd/phd-programmes until Call's deadline.

Otherwise points: L-96 or, for candidates applying under condition, weighted average of examinations taken during the Italian Laurea Magistrale /second cycle degree. Said M the weighted average in 30 scale the points are computed as follows: 29 <M <= 30: 12 points 28 <M <= 29: 11 points 27,5 <M <= 28: 10 points 27 <M <= 27,5: 8 points 26,5 <M <= 27: 6 points 26 <M <= 26,5: 5 points 25,5 <M <= 26: 4 points 25 <M <= 25,5: 3 points 24,5 <M <= 25: 2 points 24 <M <= 24,5: 1 point M <= 24: no points The weighted average will be considered in the assessment only if the total number of credits not yet awarded is less than 50% of the total number of credits required for graduation.	
Publications Max 2 points for each publication (max 2 publications with evidence of acceptance will be assessed)	maximum score 4 points
Other qualifications Each additional qualification pertinent with the field of computer science with a recognised scientific value can be awarded maximum 1 point, up to a maximum of 2 points.	maximum score 2 points
Reference letters from professors or qualified researchers (max 2 letters)	maximum score 4 points
Research project	maximum score 5 points
Minimum threshold for admission to the interview	*15 points*
Oral interview	**Maximum score: 70 points**
Minimum threshold for passing the interview	*30 points*

Further information on examinations

The research project (max 2000 words, bibliography excluded) elaborated in English by the candidate choosing a title within those mentioned in the PhD Programme. It must focus on the following:
a) state of the art of the chosen subject;
b) goals of the project;
c) innovation with respect to the state of the art.
The examining board will evaluate the scientific relevance of the project, the expected goals and the scientific impact of the results.

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The interview will include a discussion of the proposed research project and, on request of the candidate and duly authorised by the examining board, may be taken via Skype (art. 8 of the Call).

Titoli progetti di ricerca
Dottorato di Ricerca in Informatica

Titles of research projects
PhD Programme in Computer Science

For further details please refer to the PhD program website https://dott-informatica.campusnet.unito.it

1. Automatic retail shelf management using visual information and AI. *(titolo di progetto abbinato a posto in apprendistato presso / research project linked to apprenticeship contract at Synesthesia S.r.l.)*
2. Innovative Image Processing Algorithms for Automatic Optical Inspection. *(titolo di progetto abbinato a posto in apprendistato presso / research project linked to apprenticeship contract at SPEA S.p.a.)*
3. Algorithms for Condition Monitoring and Predictive Maintenance. *(titolo di progetto abbinato a posto in apprendistato presso / research project linked to apprenticeship contract at SPEA S.p.a.)*
4. Aggregate Computing for IOT. *(titolo di progetto abbinato a posto in apprendistato presso / research project linked to apprenticeship contract at Santer Reply S.p.A)*