



POLITECNICO DI TORINO - <u>Ac</u>	
Class <u>II.2.1</u>	
N. <u>5890</u>	data <u>05.05.2014</u>
CP <u>PARZ</u>	CC _____

Torino,

Al Rettore
c/o SISTI - Elezioni

Oggetto: Elezioni Suppletive del Senato Accademico (scorcio Mandato 2012/2015)

In relazione alle elezioni in oggetto previste per il **13 maggio 2014**, i sottoscritti elettori propongono per la categoria dei professori di prima fascia in seno al Senato Accademico la candidatura del/la Prof./Prof.ssa

RICCARDO ZECCHINIA

DISAT

(Dipartimento d appartenenza)

Nominativo dell'elettore in chiaro (*)	Firma dell'elettore
BARBERO GIOVANNI	
IAZZI FELICE	
LUCA RINOLFI	
PIERLUIGI POGGIOLINI	
MONICA FERRARIS	

(*) Ogni candidatura deve essere presentata un minimo di 5 a un massimo di 10 elettori

Si allega il curriculum vitae del candidato



Torino,

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c/o SISTI - Elezioni

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In relazione alle elezioni in oggetto previste per il **13 maggio 2014**

Il/la sottoscritto/a Prof. RICCARDO ZECCHINA

DISAT
(Dipartimento d appartenenza)

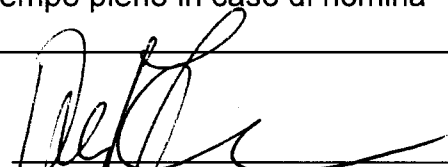
dichiara di accettare la candidatura proposta da alcuni colleghi in seno al Senato Accademico in rappresentanza della categoria dei professori di prima fascia

e

☒	conferma il proprio regime a tempo pieno
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Oppure

☐	s'impegna ad optare per il regime a tempo pieno in caso di nomina
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(firma dell'interessato/a)

N.B. = crocettare il riquadro accanto a la dichiarazione da sottoscrivere.

Riccardo Zecchina, brief CV, web : <http://staff.polito.it/riccardo.zecchina/>

Professional address:

Department of Applied Science and Technology, Politecnico di Torino
and Human Genetics Foundation Torino.

Education:

- Italian Doctor Degree in Electronic Engineering (Torino, Politecnico, 1988)
- PhD in Theoretical Physics (Turin University, 1993);

Current Position:

Full Professor in Theoretical Physics, Politecnico di Torino, Italy.

Professional experience:

- 2014 Member Scientific Council European Lab. For Non-linear Spectroscopy
- 2013 Membro Commissione Strategica Politecnico di Torino
- 2013 Member of the ERC PE6 evaluation panel
- 2012 Member of the evaluation panel for the Ecole Normale Supérieure Paris
- 2011 Head of Unit, Human Genetics Foundation
- 2011 Staff Associate at ICTP
- 2011-2013 coordinator of the master's program in Physics of Complex Systems
- 2011 fellow of the Collegio Carlo Alberto Foundation
- 2011-16 ERC grantee (Ideas Advanced Grant).
- 2001 Director, Journal of Statistical Mechanics JSTAT
- 2007- , Full Professor in Theoretical Physics, Politecnico di Torino, Italy.
- 2001-2007, Head of the Statistical Mechanics and Interdisciplinary Applications group, ICTP
- 2001-2005, Coordinator of the ICTP/SISSA International Master's program "Modeling and Simulations of Complex Realities"
- 2004 - 2007 coordinator of the Statistical Physics sector of the Institute for Scientific Interchange (ISI), Turin
- 2001-2007, Research Scientist, ICTP
- 1999-2001, Tenure position, Assistant Research Scientist, ICTP
- 1997-1999, Tenure track, Dept. Condensed Matter, International Centre for Theoretical Physics (ICTP)

Long term visiting positions:

- 2008, 2009, 2010, 2011 Boston Microsoft Research New England Lab
- 2007 Redmond, Microsoft Research Theory Group
- 2007/04/01, Orsay, Lab. de Physique Théorique e Modeles Statistiques LPTMS

Research activity:

My research interests lie at the interface between statistical physics, computer science, computational biology and statistical biophysics. My current research activity is primarily focused on the understanding and the design of probabilistic sampling techniques, namely message passing algorithms (MPA), of different degree of complexity. I work on both theoretical aspects and on real world applications. With respect to the latter, I am engaged in applying the MPA techniques to inverse problems that arise in computational biology and neuroscience. Examples are protein contact predictions and folding, network reconstruction problems, pathways identification, learning protocols in large scale

networks, inference in epidemics, spread of information over networks, and models for post-transcriptional regulation.

Publications

I have more than 110 papers on international Journals (including Nature, Science, PNAS, Phys. Rev. Lett. (18), Plos Comp. Bio., Theoretical Computer Science, ...). ISI: h=27, cit=3089, Scholar: h=33, cit. 5882