



POLITECNICO DI TORINO - <u>Ac</u>	
Class. <u>II.2.1</u>	
N. <u>5116</u>	data <u>30.06.2017</u>
CP <u>SIST-04C</u>	CC _____

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Torino, 30.06.2015

Al Presidente della Commissione Elettorale  
c/o SISTI - Elezioni

**Oggetto: elezioni del Senato Accademico (Mandato 2015/2019)**

In relazione alle elezioni in oggetto previste per il **13 luglio 2015**, i sottoscritti elettori propongono per la categoria degli assegnisti di ricerca con titolo di dottore di ricerca in seno al Senato Accademico la candidatura di

FEDERICO CAVIAGGIOLI

AR

DISEP

(qualifica)

(Dipartimento di appartenenza)

Nominativo dell'elettore in chiaro (*)	Firma dell'elettore
FABIO GUIDO MARIO SALASSA	Fabio Guido Mario Salassa
FEDERICO BATTISTA	Federico Battista
Andrea C. Longo M.	Longo Andrea
VINCENZO RIGGIO	Vincenzo Riggio
ROBERTO GRASSI	Roberto Grassi
GIULIA BRUNO	Giulia Bruno

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

**Si allega il curriculum vitae del candidato**

# CURRICULUM VITAE

## PERSONAL INFORMATION

Name  
Address  
E-mail  
Nationality  
Date of birth  
Place of birth

**CAVIGGIOLI, FEDERICO DOMENICO**  
**29/5, VIA PORPORA, 10155, TORINO, ITALY**  
[federico.caviggioli@gmail.com](mailto:federico.caviggioli@gmail.com)

Italian  
05/01/1979  
TORINO

## ACADEMIC EXPERIENCE:

*(Details in the Annex)*

- Dates (from – to)
- Name of employer
- Occupation or position held
- Main activities and responsibilities

May, 2007 – now  
POLITECNICO DI TORINO - Department of Industrial and Management Engineering (DIGEP)  
Postdoc research fellow  
Teaching:  
- Financial Accounting (2013 – 2014)  
- Economia e Organizzazione Aziendale (2014 – 2015)  
- Alta Scuola Politecnica: Tutor Summer School of Management and Innovation (2008 – 2014)

Research areas:  
- Innovation policy  
- Economics of IPRs and in particular innovation through patent data analyses, such as international patent activities, patent transactions and valuation  
- Patent data intelligence: Technology landscapes and Patent data analyses (Portfolio Positioning; Industry and Regional Landscape)  
- Patent system quality  
- Technology forecast

Main projects:  
- Finmeccanica Corporate - "IP-L@b": research initiative for the development and application of advanced techniques for patent data intelligence (2012-2015)  
- European Commission, DG RESEARCH. "An analysis of the role and engagement of universities with regard to participation in the Framework Programmes" under the Framework Contract: 2012/s 144-240132 (2015)  
- European Parliament, DG Internal Policies of the Union. Awarded "Multiple framework research contract for the provision of external expertise in the field of Intellectual Property Rights - Lot 2: Industrial property rights, including patents, trademarks, industrial designs, designations of origin and geographical indications" (2011-2015)  
- European Commission, DG MARKT. PatQual Project: Study on the Quality of the European Patent System as perceived by its users (2009-2011)

Additional information in the Annex (Main Publication list, extended track record)

- Dates (from – to)
- Name and address of employer
- Main activities and responsibilities

March, 2009 – March, 2010  
EUROPEAN PATENT OFFICE – EPO  
Collaborative Research on International Patent activities

- Dates (from – to)
- Name and address of employer
- Main activities and responsibilities

May, 2007 – 2011  
FONDAZIONE ROSSELLI  
Research Fellow. Collaboration on national research programmes in the area of the economics of innovation, finance and evaluation of public research institutions.

## OTHER COLLABORATIONS

- Dates (from – to)
- Name of employers

Research and consultancy activities  
2007 – 2014  
Fondazione Human+  
Università degli Studi di Padova  
Università degli Studi Roma Tre  
Università degli Studi di Torino  
Consorzio Gammasservizi  
Data collection and treatment

- Main activities and responsibilities

	<p>Patent data analysis</p> <p>Online surveys: draft, dissemination and data collection</p> <p>Knowledge base creation</p> <p>Reporting</p> <p>Teaching</p>
<b>WORK EXPERIENCE:</b>	
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul>	<p>May, 2006 – May, 2007</p> <p>INDUSTRIAL APPLICATION SOFTWARE S.R.L.</p> <p>Consulting and ERP</p> <p>Organizational advisor. E.R.P. Development</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul>	<p>November, 2005 – April, 2006</p> <p>ANTICA DITTA MARCHISIO –MATTIOLI</p> <p>Gold, Jewels Production</p> <p>Organizational consulting. E.R.P. development. Warehouse movements study</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul>	<p>December, 2004 – October, 2005</p> <p>SORMA - ESASOFTWARE S.p.A.</p> <p>Consulting and ERP</p> <p>Organizational advisor</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul>	<p>June, 2004 – November, 2004</p> <p>UNICREDIT PRIVATE BANKING S.p.A.</p> <p>Finance</p> <p>Stage in Management and IT, Organization Function</p>
<b>EDUCATION AND TRAINING</b>	
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organisation</li> <li>• Title of qualification awarded</li> </ul>	<p>January, 2008 – April, 2011</p> <p>Università Degli Studi Di Bergamo</p> <p>Ph. D in Economics and Management of Technology. Research topic: Understanding patent system through the analyses of patent flows across countries and of patent quality</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organisation</li> <li>• Title of qualification awarded</li> </ul>	<p>September, 1998 – March, 2004</p> <p>Politecnico di Torino – University</p> <p>Laurea in Ingegneria Gestionale ( 99 / 110 ) – Graduate: Industrial and Management Engineering</p>
<b>LANGUAGES</b>	
MOTHER TONGUE	<b>Italian</b>
OTHER LANGUAGES	<b>English</b>
<ul style="list-style-type: none"> <li>• Reading skills</li> <li>• Writing skills</li> <li>• Verbal skills</li> </ul>	<p>Excellent</p> <p>Excellent</p> <p>Very Good</p>
<b>TECHNICAL SKILLS AND COMPETENCES</b>	<p>Statistical software: Stata</p> <p>Patent Databases (ThomsonInnovation, Delphion, EPODoc)</p> <p>Softwares for patent/scientific publication intelligence: data mining and text analyses</p> <p>Database analysis: MS Office (Excel, Access), SQL</p> <p>Online surveys</p>
<b>ADDITIONAL INFORMATION - REFEREES</b>	<p>L. Buzzacchi, Professor at "Politecnico di Torino"</p> <p>G. Scellato, Professor at "Politecnico di Torino"</p> <p>R. Filippini, Professor at "Università di Padova"</p> <p>A. Nosella, Professor at "Università di Padova"</p> <p>C. Franzoni, Assistant Professor at "Politecnico di Milano"</p> <p>E. Ughetto, Assistant Professor at "Politecnico di Torino"</p> <p>F. Rogo, Group Intellectual Property Manager, Finmeccanica SpA</p>

## ANNEX: PUBLICATION LIST and ACADEMIC ACTIVITIES

### PUBLICATION LIST:

#### • ARTICLES:

##### Published

1. Agostini, L. and Caviggioli, F. (2015). "R&D collaboration in the automotive innovation environment: an analysis of co-patenting activities", **Management Decision**, Print Published: 07-Jul-2015, vol:53, iss:6.
2. Agostini L. Caviggioli F, Filippini R, Nosella A (2015). "Does patenting influence SME sales performance? A quantity and quality analysis of patents in Northern Italy", **European Journal of Innovation Management**, 2015 18:2, 238-257.
3. Caviggioli, F., Scellato, G., Ughetto, E. (2013) "International Patent Disputes: Evidence From Oppositions at the European Patent Office", **Research Policy**, Volume 42, Issue 9, November 2013, Pages 1634-1646, DOI: 10.1016/j.respol.2013.06.004.
4. Caviggioli F., Ughetto E. (2013), "The drivers to patent transactions: Corporate views on the market for patents", **R&D Management**, Volume 43, Issue 4, September 2013, Pages: 318-332, DOI: 10.1111/radm.12016.
5. Caviggioli F, (2011) "Foreign applications at the Japan Patent Office - An empirical analysis of selected growth factors", **World Patent Information**, Volume 33, Issue 2, June 2011, Pages 157-167, ISSN 0172-2190, DOI: 10.1016/j.wpi.2010.12.002.

##### Submitted

6. Caviggioli F, De Marco AM, Rogo F, Scellato G, "Patenting Strategies and Characteristics of Declared Inventions in the Long Term Evolution Standard", **R&D Management** (Major revisions).
7. Cambini C, Caviggioli F, Scellato G, "R&D, Patenting and Market Regulation: Evidence from EU Electricity industry", **Industry and innovation** (Major revisions).
8. Caviggioli F., Ughetto E., "Purchase strategies of Non-Practicing Entities: analysis of patent auctions". **Research Policy** (Major revisions)

##### Working papers

9. Caviggioli F., "Do technology spillovers lead to technology fusion? Evidence from EPO patents".
10. Caviggioli, F., Scellato, G., Ughetto E., "Management team characteristics and the performance of publicly sponsored venture capital funds".
11. Caviggioli F., "Technology cross-fertilization: trajectories and drivers".

#### • PUBLISHED STUDIES:

12. Scellato, G., Calderini, M., Caviggioli, F., Franzoni, C., Ughetto, E., Kica, E., Rodriguez, V., 2011. "Study on the quality of the European patent system". Report for the **European Commission, DG Internal Market** (Markt/2009/11/D).  
[http://ec.europa.eu/internal\\_market/indprop/docs/patent/patqual02032011\\_en.pdf](http://ec.europa.eu/internal_market/indprop/docs/patent/patqual02032011_en.pdf)
13. Cecchelli, P., Geuna, A., Rossi, F., Bodas Freitas, I., Caviggioli, F., Lawson, C., Riva, M., 2012. Results of the PIEMINV Survey of Patent Inventors in Piedmont – Final Report (IAMAT 2), Fondazione Rosselli, Turin, available online at: [http://www.fondazionerosselli.it/DocumentFolder/Impatto%20Atenei\\_%20Report%20II%20FASE.pdf](http://www.fondazionerosselli.it/DocumentFolder/Impatto%20Atenei_%20Report%20II%20FASE.pdf)

#### • PUBLISHED CHAPTERS OF BOOKS

14. Bodas Freitas, I., Caviggioli, F., Cecchelli, P., Geuna, A., Riva, M., Rossi, F., 2015. "The governance and

spatial dynamics of university–industry knowledge transfer”, in “The University and the Economy: Pathways to Growth and Economic Development” (Cheltenham, UK: Edward Elgar Publishing, 2015). ISBN:9781782549482 . eISBN:9781782549499 . DOI:10.4337/9781782549499

15. Bodas Freitas, I., Caviggioli, F., Cecchelli, P., Geuna, A., Riva, M., Rossi, F., 2013. “Le relazioni tra università e imprese: specificità locali e modelli generali di trasferimento tecnologico”, in “L'università e il sistema economico: Conoscenza, progresso tecnologico e crescita” a cura di Geuna, A., Rossi, F. Società editrice il Mulino, 2013.

## • CONFERENCE PROCEEDINGS

- 15th International **CINet** Conference. Operating Innovation - Innovating Operations. 7-9 September 2014 - Budapest, Hungary. Presented working paper: Agostini, L. and Caviggioli, F. “R&D collaboration in the automotive innovation environment: an analysis of co-patenting activities”.
- 9th edition of the International Forum on Knowledge Asset Dynamics (**IFKAD 2014**), in Matera. Knowledge and Management Models for Sustainable Growth. Presented paper: “Unveiling knowledge flows in the automotive innovation environment using patents and citations”.
- **T2S 2013**. Technology Transfer, Entrepreneurial Activity and Regional Competitiveness. Annual Conference at the University of Bergamo, Italy. November 8-9, 2013. Presented working paper: “Patenting Strategies and Characteristics of Declared Inventions in the Long Term Evolution Standard”.
- 5th **ZEW/MaCCI** Conference on the Economics of Innovation and Patenting Centre for European Economic Research (ZEW) and Mannheim Centre for Competition and Innovation (MaCCI). June 3-4, 2013 at ZEW, Mannheim, Germany. Presented working paper: “Patenting Strategies and Standard Setting Processes in the Telecommunication Industry. Evidence from the LTE Standard”.
- 15th **IAMB** Conference. School of Economics and Management, ISEG (Instituto Superior de Economia e Gestão) and ADVANCE Research Center, Technical University of Lisbon, Portugal. April 17-19, 2013. Presented working paper: “Patented Inventions in Mechanical Small and Medium Enterprises: Does Quality Influence Performances?”.
- 6th Annual Conference of the **EPIP** Association: Fine-Tuning IPR debates. Université libre de Bruxelles, Brussels, Belgium. September 8-9, 2011. Presented working paper: “Understanding patent quality: evidence from patent opposition cases at the European Patent Office”.
- **DRUID-DIME** Academy Winter 2010 PhD Conference January 21 - 23, 2010. Submitted paper: “Patent Extensions: Foreign Applications at the Japan Patent Office”.

## • ACTIVITIES AS REVIEWER

- International Journal of Management Reviews
- R&D Management
- Technology Analysis and Strategic Management
- Review of Law and Economics
- Science and Public Policy
- European Journal of Law and Economics

## ACTIVITIES:

### 1. POLITECNICO DI TORINO - Department of Industrial and Management Engineering (DIGEP) [2007-now]

#### Teaching:

- Politecnico di Torino: Economia e Organizzazione Aziendale (2014 – 2015).
- Politecnico di Torino: Financial Accounting (2013 – 2014). English course.
- Politecnico di Torino: Thesis supervisor (2008 – 2014)
- Alta Scuola Politecnica: Tutor (2008 – 2015)

#### Research areas:

- Innovation policy
- Economics of IPRs
  - International patent activities, patent transactions and valuation
  - Patent data intelligence: Technology landscapes, Portfolio Positioning, Industry and Regional Landscape
  - Patent system quality
- Technology management and forecast

#### Main projects:

- Finmeccanica SpA - "IP-L@b": research initiative for the development and application of advanced techniques for patent data intelligence (2012-2014). Main activities: Project manager, analyst (Patent landscape, Patent evaluation, Semantic analysis).
- European Commission, DG RESEARCH. "An analysis of the role and engagement of universities with regard to participation in the Framework Programmes" under the Framework Contract: 2012/s 144-240132 (2015)
- European Parliament, DG Internal Policies of the Union. Awarded tender: "Multiple framework research contract for the provision of external expertise in the field of Intellectual Property Rights - Lot 2: Industrial property rights, including patents, trademarks, industrial designs, designations of origin and geographical indications" (2011-2015). Main activities: Tender draft.
- European Commission, DG MARKT. PatQual Project: Study on the Quality of the European Patent System as perceived by its users (2009-2011). Main activities: Tender draft; data collection; survey draft and dissemination; analyst.
- European Commission (CIP). IPEuropAware project (2009 – 2010). Project manager for Politecnico di Torino. Main activities: Project manager; Identification of tools to raise IP awareness; definition of the layout of a IP toolbox; case studies drafting.
- Italian Transport Authority. Informal consultation: reporting on transport industry segments (2014). Main activities: reports on the rail and intermodal segments.
- Collaboration with Chamber of Commerce of Torino (Convenzione Annuale IP Finance: 2013-2014) in the project "Evaluation of intellectual and technological capital: strategy and valorization", promoted and financed by UnionCamere and the Ministry of Economic Development.
- Collaboration with Chamber of Commerce of Torino (Convenzione Annuale IP Finance: 2009-2012). Main activities: project manager; reporting; studies on regional Intellectual Property Rights; focus on selected industries; support and consultancy to SMEs; policy briefs.
- Provincia di Torino: "B2B : Brevetti-to-Business" (2012). Initiative under the Alcotra project aiming at matching academic patents to firms as potential development and marketing partners. Main activities: identification of patents; interview with inventors.
- Collaboration with Chamber of Milano (Search & Develop: innovazione per le PMI milanesi: 2011). Main activities: project manager; studies on regional Intellectual Property Rights, focus on selected industries.
- IP Finance Institute: competence centre of DIGEP on IP, financing and patent data intelligence

(2009-2013). In collaboration with ICM Advisors / ICM Research, consulting company in Torino.  
Main activities: project manager; analyst.

**2. NATIONAL BUREAU OF ECONOMIC RESEARCH – NBER [2014 – 2015]**

Consultancy activity in the GlobSci project: data organization and dissemination, reporting, data integrity check.

**3. EUROPEAN PATENT OFFICE – EPO [2009 – 2010]**

Collaboration project (March, 2009 – March, 2010): “Research on International Patent activities: Patent Export from Europe, USA, Japan, China, South Korea, India, Brazil, Mexico and Russia”. Research study.

**4. FONDAZIONE ROSSELLI [2007 – 2011]**

Collaboration on national research programmes in the area of the economics of innovation, finance and evaluation of public research institutions (2007 – 2011):

- IAMAT: Evaluation of University impact on Piedmont region
- Piedmont Inventors survey
- Nanomat Project: Innovation and Spillovers in Italian Nanotech firms

**5. OTHER COLLABORATIONS [2007 – 2014]**

Research and consultancy activities. Main activities: Data collection and treatment; Patent data analysis; Online surveys: draft, dissemination and data collection; Knowledge base creation; Reporting; Teaching.  
Collaborations with:

- Fondazione Human+
- Università degli Studi di Padova
- Università degli Studi Roma Tre
- Università degli Studi di Torino
- Consorzio Gammasservizi