

SELECTION OF ONE PROFESSOR (LEVEL 2) AS PER ART. 18, SUBSECTION 1, OF ITALIAN LAW 240/2010, FOR THE ACADEMIC DISCIPLINE 13/A2 ECONOMIC POLICY (SETTORE CONCORSUALE 13/A2 POLITICA ECONOMICA) SUBJECT AREA SECS-P/02 ECONOMIC POLICY (SETTORE SCIENTIFICO DISCIPLINARE SECS-P/02 POLITICA ECONOMICA) AT THE INSTITUTE OF ECONOMIC - ACADEMIC CLASS OF SOCIAL SCIENCES, ISSUED BY RECTOR DECREE NO. 374 DATED 04/08/2014, PUBLISHED ON THE SITE OF THE MINISTRY OF EDUCATION, UNIVERSITY AND RESEARCH ON 04/08/2014, NOTICE OF WHICH WAS PUBLISHED IN THE GAZZETTA UFFICIALE - 4° SERIE SPECIALE "CONCORSI ED ESAMI" NO. 67 DATED 29/08/2014.

## FINAL REPORT

The year 2014, the 14th day of the month of November at 9:30 a.m. in a room of the Scuola S. Anna the Committee, nominated by decree No. 420 of 24/09/2014, met to review the selection of one professor (level 2) for the academic discipline 13/A2 Economic Policy (Settore Concorsuale 13/A2 Politica Economica) Subject Area SECS-P/02 Economic Policy (Settore Scientifico Disciplinare SECS-P/02 Politica Economica) at the Institute of Economics - Academic Class of Social Sciences of the Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna di Pisa.

The Committee made up of :

- Prof. **Luigi Orsenigo** – President;
- Prof. **Uwe Cantner** - Member;
- Prof. **Lino Cinquini** - Member;
- Prof. **Jens Kruger** - Member;
- Prof. **Mishael Milaković**- Member;
- Prof. **Giulio Bottazzi** - Secretary



completed its work on the following days:

Preliminary meeting: on 17/10/2014 , from 9 a.m. to 5:52 p.m. via teleconference

Second meeting: on 14/11/2014, from 9:30 to 12.30 in a room of Scuola Sant'Anna.

The Committee held a total of 2 meetings, and began its work on 17/10/2014 and concluded it on 14/11/2014.

In the preliminary meeting, the Committee nominated the President and Secretary. It was noted in the minutes that each member had declared that they had no kinship or affinity up to the fourth degree inclusive, either with each other or with any of the candidates. The Committee established the date by which their work would be concluded, the criteria with which the publications the curricula and teaching activities of the candidates were to be evaluated, and the minimum criteria that candidates must meet in order to qualify to be suitable for the call at the school. The Committee opted not to request the candidates to hold a seminar.



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In the second meeting, the Committee examined the publications, the CVs and the didactic activity of the candidates. The Committee opts not to request the candidates to hold a seminar. After a comprehensive discussion, the Committee unanimously declared the following candidate to have won the position:

FEDERICO TAMAGNI

The individual and collegiate judgments expressed are attached to this report (Annex 1 and 2).

Read, approved and signed.

THE COMMITTEE

- Prof. Luigi Orsenigo – President;
- Prof. Uwe Cantner - Member;
- Prof. Lino Cinquini - Member;
- Prof. Jens Kruger - Member;
- Prof. Mishael Milaković- Member;
- Prof. Giulio Bottazzi - Secretary

The image shows five handwritten signatures in blue ink, arranged vertically. The top signature is the most legible, appearing to be 'Luigi Orsenigo'. Below it are four more signatures, which are more stylized and difficult to read. The signatures are positioned to the right of the list of committee members.

## ANNEX I

### Corrado Andini

BOTTAZZI:

Research interests mainly cover labor economics, economic of educations and the telecommunication sector. The publications included are of good quality and with a good international visibility. He has 13 publications in ISI-WoS with a total number of 19 citations and an h-index of 3. He has participated several research projects on the economics of utilities and education. Research topics partially match the profile requested by the call. He has an extended teaching experience.

CANTNER:

- The candidate shows a research profile that is covering topics in labor economics and economic of education; only recently an interest in industry studies becomes visible. The match with the requested profile “Industrial Dynamics and Firm-level Aspects of International Trade” is therefore **rather low**.
- 19 qualitatively **good** publications have been launched, out of which 17 in internationally refereed journals. The average annual rate of publication since completion of the PhD in 2005 is 17/9.
- The teaching record is **broad** and covers topics in parallel to the research interests as well as empirical methods.
- The candidate has been integrated in two research projects as researcher and **in one as co-director**.

KRUEGER

Research focuses mainly on macro and labor economics with an empirical orientation. Publications related to that in approximately B, C or lower ranked journals. Many short publications in letters journals.

Participation in several funded research projects, also one funded by the European Commission.

Broad teaching experience, but also mainly in macroeconomics, labor economics and finance.

Overall not very well fitting to microeconomic profile requested in the call for applications with its focus on industrial dynamics.

MILAKOVIC

The candidate has a decent research output, however not in the fields pertaining to the job description since he is mostly working on labor economics and the economics of education. The papers dealing with empirical investigations of telecommunications markets are relating to traditional industrial organization, but not to industrial dynamics in the traditional sense. His teaching experience is adequate for the time he has spent in academia, though mostly not relating to the fields mentioned in the call. Mr Andini has some experience in raising funds, though it is not clear to me what the extent of the financing is (Euro 50K “from 2009-present”).

ORSENIGO

The candidate submits a number of interesting publications in good journals, but their subject falls outside the scope of this call.

The candidate reports extensive teaching activities at different levels, but not in the fields indicated in this call.

The candidate participated in various competitively funded research projects, but seldom taking on direct leadership and responsibility.

### Marco Guerrazzi

#### BOTTAZZI:

Research interests mainly cover labor economics and econometrics. The research output is of good quality with a moderate international visibility. He has 6 publications in ISI-WoS with a total number of 2 citations and an h-index of 1. He has participated several projects focused on labor economics and agent based model of industrial dynamics. Research topics overlap with the profile requested by the call. He has a moderate teaching experience.

#### CANTNER:

- The candidate's research fields focus on issues in labor economics; topics in macroeconomics and econometrics complement that. Hence the match with the requested profile "Industrial Dynamics and Firm-level Aspects of International Trade" is **at best only partial**.
- 13 publications of **good** quality are listed and addressed journals are internationally refereed, not all of high quality. The average annual number of publications since completion in 2006 of the PhD is 13/8.
- The teaching experience is **not extensive** and has been gained mainly recently.
- The candidate has been participating in five research project of which **in one he is serving as director**.

#### KRUEGER

Research conducted mainly in the areas of macroeconomics, labor economics, finance, trade and dynamics. Publications accordingly. Given career stage not many publications and those only in low-ranked journals.

Participation in several collaborative research projects, also on firm dynamics.

Rather narrow teaching experience, mainly macro and labor economics.

Overall not very well fitting to microeconomic profile requested in the call for applications with the focus on industrial dynamics.

#### MILAKOVIC

The candidate has a sufficient number of publications, though from what I can tell the journals are not among the better known ones. His focus is mostly on labor issues, which he mostly approaches from a microeconomic perspective. Thus his research is not showing sufficient overlap with the fields mentioned in the call. The same can be said of his teaching activity, which is extensive, but again not related to the fields pertaining to the current call. His grant funding activity is not described well in his CV, so it is hard to judge the achievements relating to external funding.

## ORSENIGO

The candidate presents 10 interesting publications mainly focused on issues pertaining to labour markets and macroeconomics with a relatively small number of citations. Only few of these articles have been published in indexed journals.

Teaching activities are good, but again mostly related to macroeconomics and labour markets issues.

The candidate participated in a few competitively funded research projects, being the principal investigator in one of them.

## Stefano Lucarelli

### BOTTAZZI:

Research interests mainly cover monetary and theoretical economics. The research output is interesting with a moderate international visibility. He has 4 publications in ISI-WoS with a total number of 0 citations and an h-index of 0. He has participated in an international project on "engagement technology". Research topics do not overlap with the profile requested by the call. He has a good teaching experience.

### CANTNER:

- The candidate's research interests focus on monetary economics. Hence there is **no overlap** with the requested profile "Industrial Dynamics and Firm-level Aspects of International Trade".
- 19 publications are listed for journal articles; the respective journals are **only partly internationally visible**. The average annual number of publications since completion of the PhD in 2008 is 15/6.
- The teaching experience is rather **broad**.
- The candidate has been participating as **only a researcher** in one research project.

## KRUEGER

Research focus on monetary economics, public finance issues and on the knowledge-based economy. Very few publications in internationally visible journals.

Limited participation in research projects recognizable.

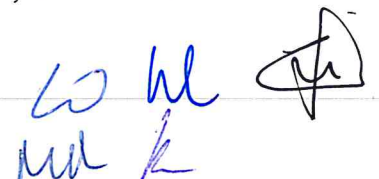
Widespread teaching experience, but again more macro oriented.

Overall not fitting to microeconomic profile requested in the call for applications with its focus on industrial dynamics.

## MILAKOVIC

The candidate has a sufficient number of publications, though from what I can tell the journals are not among the better known ones. His focus is on systemic aspects of capitalist economies, particularly recurring crises. Therefore, there is insufficient overlap with the fields mentioned in the call. His teaching experience is appropriate given his career stage, though again not related to the fields mentioned in the call. Relying on the information provided in his CV, he has not raised external funding to date.

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ORSENIGO

The candidate has interesting publications, mainly focused in broad theoretical issues and monetary economics, largely outside the scope of this call.

There is little evidence of substantial participation to competitively funded research projects.

There is evidence of wide teaching experience.

### **Silvia Giuseppina Magri**

BOTTAZZI:

Research interests mainly cover banking theory, household economics and the financial aspect of firm dynamics. Publications are of good quality and have a good international visibility. She has 6 publications in ISI-WoS with a total number of 34 citations and an h-index of 3. No participation in research projects is mentioned in the CV. Research topics overlap only partially with the profile requested by the call. She has basically no previous teaching experience.

CANTNER:

- The candidate's research interests focus on banking and financial economics, including firms. Hence there is **low match** with the requested profile "Industrial Dynamics and Firm-level Aspects of International Trade".
- The 8 listed publications show **good quality** and are published in internationally refereed journals. The average annual number of publications since 2005 is 8/10.
- There is **low** indication of any teaching experience.
- In the CV there is **no** information given on research project participation.

KRUEGER

Research focus on applied microeconomics (banking) and finance. Relatively few publications overall. Those publications on firm finance and innovation in quite highly ranked journals (J. of Banking and Finance, J. of Money, Credit and Banking).

No participation in research projects visible.

Teaching record is unclear.

Overall partial fit to the microeconomic profile requested in the call for applications with its focus on industrial dynamics.

MILAKOVIC

The candidate has published several articles in well known field journals, so her research output is very respectable. The topics are almost exclusively in finance and therefore not sufficiently aligned with the fields mentioned in the call. Her teaching experience is very limited (basically just one tutorial in 1994-95.) There is no information in the CV regarding external funding.

ORSENIGO

The candidate's publications are interesting, some of them appearing in highly reputed



journals. However a large fraction of these publications is working papers and they fall outside the scope of the call.

There is almost no evidence of teaching experience and participation in competitively funded research projects.

### Giulio Palermo

#### BOTTAZZI:

Research interests mainly cover Marxian economics and history of economic thought. He has 2 publications in ISI-WoS with a total number of 3 citations and an h-index of 1. No participation in research projects is mentioned in the CV. His Research topics does not overlap with the profile requested by the call. He has a very good and extensive teaching experience.

#### CANTNER:

- The candidate shows a research profile oriented towards the history of economic thought and Marxian economics; there is **no match** with the requested profile “Industrial Dynamics and Firm-level Aspects of International Trade”.
- The 17 publications (two of them forthcoming) listed are to a good share relatively old (before 2007); also a good share of the publications is of the type “a critical review”. Internationally refereed journal are mainly the outlet. The annual average number of publications since the successful completion of the PhD in 1997 is 17/17.
- Teaching experience is **very good and extensive**.
- In the CV there is **no information** given on research project participation.

#### KRUEGER

Research topics cover Marxist economics, history of ideas and also Austrian economics. Publications are therefore not in journals with a high international visibility.

No participation in research projects visible.

Teaching on political economy, Marxian economy, macroeconomic international trade.

No fit to the profile requested in the call for applications.

#### MILAKOVIC

The candidate has an interesting publication record in heterodox field journals, however, his research is not in the fields given in the call. I could not determine his teaching and external funding activities (the CV was in Italian only.)

#### ORSENIGO

Research focuses almost exclusively on Marxian economics with little international visibility.

Teaching experience is substantial but there is no evidence of fund raising.

## Francesco Rentocchini


### BOTTAZZI:

Research interests mainly cover economics of innovation. The record of publications is very good with a very good international visibility. He has 10 publications in ISI-WoS with a total number of 14 citations and an h-index of 2. He participated several national and international projects on the economics of innovation. Research topics overlap only minimally with the profile requested by the call. He has a good teaching experience.

### CANTNER:

- The candidate's research fields cover economics of innovation, economics of science and - to a lower degree - international trade. Hence there is an only **slight match** with the requested profile "Industrial Dynamics and Firm-level Aspects of International Trade".
- 12 papers of **different quality** have been published in internationally refereed journals; all of them have been published after completion of the PhD in 2007; the annual average number of publications is 12/7.
- The teaching experience is **broad**.
- The candidate has been involved in **12 research projects; in two more recent ones he is the principle investigator** and in the others he has been integrated as a researcher.

### KRUEGER

Research deals with networks, start-ups, software patents and diffusion processes, also addressing management aspects. Publications are in relevant journals of good quality (ranked in the B to C area, like Int. J. of IO, Econ. of Innovation and New Technology). 

Participation in several research projects also funded by the European Commission and for other projects also as a principal investigator.

Teaching record is more management oriented, but also covers statistics courses.

Overall limited fit to the profile requested in the call for applications.

### MILAKOVIC

The candidate has a decent publication record (the 2014 IJIO paper is standing out from most of his other publications), however, his research is mostly dealing with innovation. Therefore, I do not see sufficient overlap with the fields defined in the call. His teaching is also mostly in Management and Innovation, while I could not find information pertaining to the amounts of external fundraising in his CV.

### ORSENIGO

The publication record is quite good, but research is centered on the economics of innovation with little overlap with the profile of the call.

There is evidence of intense teaching experience but the record of participation in competitively funded research projects looks good but not completely clear.

## Francesco Serti





#### BOTTAZZI:

Research interests mainly cover labor economics, health economics and firm level analysis of international trade. The record of publications is very good with a very good international visibility. He has 6 publications in ISI-WoS with a total number of 84 citations and an h-index of 4. He participated in two projects financed by the Spanish government. Research topics partially overlap with the profile requested by the call. He has a good teaching experience.

#### CANTNER:

- The candidate's research interests mainly cover the fields of international trade and labor economics with focus on firms but less focus on industrial dynamics; there is only a **partially match** with the requested profile "Industrial Dynamics and Firm-level Aspects of International Trade".
- 8 publications of **very good quality** are listed and the outlets are internationally refereed journals. They all were published after the PhD was awarded in 2008, with an average annual number of publications of 8/6.
- Teaching experience is **good** and covers general economics and labor economics.
- In the CV there is **information given on two** research project participations.

#### KRUEGER

Research topics are in the applied micro area and covers firm dynamics, international trade of firms and labor economics. Few publications, but these of good quality in highly ranked journals (EER (ranked A), Econ. Letters (ranked B+), World Economy (ranked B)).

Participation in research projects limited.

Teaching record covers courses mainly in statistics and econometrics, but also in labor economics.

Overall partial fit to the profile requested in the call for applications.

#### MILAKOVIC

The candidate has a good overlap with the fields defined in the call, in particular those relating to firm-level international trade. His publication record is strong (with an EER publication). There is, however, relatively little in the direction of traditional industrial dynamics (say, growth dynamics or the impact of financing constraints). The information on teaching is buried (somewhat cryptically under "Employment") in the CV but seems adequate. I could not find information on the amount of external funding he has raised.

#### ORSENIGO

The candidate has a very good publication record, but the research interests are not closely aligned with the call.

Teaching experience is good. There is little evidence of participation in competitively funded research projects.

#### Federico Tamagni

#### BOTTAZZI:

Research interests mainly cover applied micro-econometric, financial economics and international

trade. He has 5 publications in ISI-WoS with a total number of 30 citations and an h-index of 3. He participated in to several national and international research projects on industrial dynamics. Research topics overlap with the profile requested by the call. He has a good teaching experience.

CANTNER:

- The candidates research fields mainly cover applied micro-econometric, financial economics and international trade with respect to firms and industrial dynamics. Here the match with the requested profile “Industrial Dynamics and Firm-level Aspects of International Trade” is **very good**.
- The publication record shows 8 **very good** papers in internationally refereed journals with **very good visibility**. The average annual number of publications since completion of the PhD in 2007 is 8/7.
- Teaching experience is **broad** and fits nicely to the topics in research.
- The candidate has been involved in 6 research projects of which in one he has been the **project leader**.

KRUEGER

Research topics are firm growth, productivity, finance and trade. Publications are in journals specific to the field of industrial dynamics (J. Evol. Econ., Structural Change and Econ. Dynamics, Industrial and Corporate Change). Number of publications considerable judged in relation to his stage of career. A considerable pipeline of submitted papers and working papers exists.

Participation in several collaborative research projects, also on firm dynamics. Some projects also EU funded.

Teaching experience comprises courses in microeconomics, industrial dynamics and econometrics.

Overall close fit to the profile requested in the call for applications.

MILAKOVIC

The candidate has a very decent publication record in known field journals, providing an almost perfect match with the fields mentioned in the call. Harzing's *Publish or Perish* shows an h-index of 9, which speaks in favor of the relevance of his research and is remarkable given his career status. His teaching experience is also aligned with the fields defined in the call. From what I can tell from his CV, he has not raised external funds to date.

ORSENIGO

The candidate has a very good publication record, with substantial citations and high visibility especially gives his age.

Both research and teaching are extensive and fit closely with call.

There is evidence of active participation in competitively funded research project

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## ANNEX II

### **Corrado Andini**

The candidate submits a number of interesting publications in good journals, but their subject falls outside the scope of this call. The candidate reports extensive teaching activities at different levels, but not in the fields indicated in this call. The candidate participated in various competitively funded research projects, but seldom taking on direct leadership and responsibility.

### **Marco Guerrazzi**

Research interests mainly cover labor economics and macroeconomics. The research output is of good quality with a moderate international visibility. He has participated in several projects focused on labor economics and agent based models of industrial dynamics, but research topics only partially match the requested profile. He has a narrow teaching experience.

### **Stefano Lucarelli**

Research focus on monetary economics, public finance issues and on the knowledge-based economy. Very few publications in internationally visible journals. There is limited participation in research projects. Widespread teaching experience, but again more macro oriented. Overall not fitting to microeconomic profile requested in the call for applications with its focus on industrial dynamics.

### **Silvia Giuseppina Magri**

The candidate has published several articles in well known field journals, so her research output is very respectable. The topics are almost exclusively in finance and therefore not sufficiently aligned with the fields mentioned in the call. Her teaching experience is very limited (basically just one tutorial in 1994-95.). There is no information in the CV regarding participation in competitively funded research projects.

### **Giulio Palermo**

Research focuses almost exclusively on Marxian economics with little international visibility. Teaching experience is substantial but there is no evidence of fund raising. There is no information in the CV regarding participation in competitively funded research projects.

### **Francesco Rentocchini**

The publication record is quite good, but research is centred on the economics of innovation with little overlap with the profile of the call. There is evidence of intense teaching experience, while the record of participation in competitively funded research projects looks good but it is not completely clear.

## Francesco Serti

The candidate's research interests mainly cover the fields of international trade and labor economics with focus on firms but less focus on industrial dynamics; there is only a partially match with the requested profile. 8 publications of very good quality are listed and the outlets are internationally refereed journals. Teaching experience is good and covers general economics and labor economics. In the CV there is information about only two research project participations.

## Federico Tamagni

The candidates research fields mainly cover applied micro-econometric, financial economics and international trade with respect to firms and industrial dynamics. Here the match with the requested profile "Industrial Dynamics and Firm-level Aspects of International Trade" is very good. The publication record shows 8 very good papers in internationally refereed journals with very good visibility. Teaching experience is broad and fits the topics in the call. The candidate has been involved in 6 research projects of which in one he has been the project leader.

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