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**PRESENT ADDRESS**

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**PERMANENT ADDRESS**

Via Forlani 28a  
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**RESEARCH INTERESTS**

Primary: Labor Economics, Applied Micro-Econometrics.  
Others: Evaluation of Public Policies.

**REFERENCES**

Jean-Marc Robin  
Professor  
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**EDUCATION**

*Sciences Po, Paris, France*

Ph.D. in Economics, September 2015 - 2019 (Expected). Supervisor: Prof. Jean-Marc Robin.  
M.Sc. in Economics, Sep 2013 - Jul 2015. Summa cum laude (top 2%).

*Università degli Studi di Padova, Italy*

Bachelor in Economics and Management, Sep 2010 - Jul 2013. 110/110 with honours.  
Erasmus Exchange, *Nova SBE, Lisbon*, Sep 2012 - Jan 2013.

**WORK IN PROGRESS**

**Firm Dynamics and individual Earnings: Evidence from French Data.**

**WORKING PAPERS**

**Payroll Taxation and the Cyclical Distribution of Income Shocks**, with Julien Pascal.

*Abstract:* We develop a theoretical framework to evaluate the contribution of different payroll tax schedules to the cyclical behavior of the distribution of individual income shocks along the business cycle. We build a dynamic search-and-matching model of the labor market featuring heterogeneous workers, aggregate and idiosyncratic shocks and a non-linear payroll tax schedule. We solve the model using perturbation techniques developed in Reiter (2009). We estimate the model on Italian administrative data for the period 1980-2012 and use our estimated framework to quantitatively evaluate how different payroll tax schedules can alter the cyclicity of income risk for different types of workers.

## **Intra-Firm Hierarchies and Gender Gaps**, with Aseem Patel and Joanne Tan.

*Abstract:* Within-firm factors are known to play a major role in wage inequality. This paper documents the role of hierarchies in gender wage and employment gaps using administrative French data. First, we document the extent and evolution of gender wage gaps across pre-defined layers of hierarchy within firms over time. We find that gender wage and representation gaps are larger in upper layers of hierarchy, even as they narrow over time. Second, we exploit a policy on corporate board quotas in France to study the impact of an increase in female leadership on gender wage and employment outcomes within firms. We find that a rise in the share of women on corporate boards narrows the gender wage gap only for top layers of hierarchy, but not for lower layers. We also observe that greater female corporate board membership increases the share of women working part-time in lower layers of hierarchy, at the expense of full-time work. The opposite effect holds for upper layers. The results suggest that, at least in the short term, female corporate board members improve the relative wages of women in close hierarchical proximity. They may also be able to affect change on flexi-work culture for the firm as a whole. However, due to the nonlinear returns to hours worked for upper layer professions, only lower layer women shift into part-time work.

## **How Social Networks Shape Our Beliefs: A Natural Experiment among Future French Politicians**, with Y. Algan, A. Le Chapelain, Q-A. Do and Y. Zenou.

*Abstract:* This paper shows how friendship shapes beliefs and political opinion. We make use of a unique natural experiment that randomly assigns new freshmen into groups in a college that produces most of France's top politicians. As pairs of students in the same integration group are more likely to become friends. This same-group membership thus serves as instrumental variable to estimate the effect of friendship in dyadic regressions. We find strong, robust effects of friendship on differences in beliefs after six months: becoming friends reduces the difference by half a point on a ten-point scale of political opinions. It works mostly by keeping friends from diverging, rather than pulling their opinions closer. The effect becomes insignificant for second-degree friends. The friendship effect completely dominates the effect of belonging to the same tutorial group throughout the freshman year. The findings highlight the importance of analyzing elicited friendship data instead of using peer groups.

### **TEACHING EXPERIENCE**

*Science Po, Paris*

Graduate Econometrics 1: Statistics and Probability, Teaching Assistant, 2015; 2016; 2017; 2018.

Introduction to Econometrics (Undergraduate), Lecturer, 2018.

Econometrics: Evaluation of Public Policies (Graduate), Evaluator, Fall 2015.

Macroeconomics of Development (Graduate), Evaluator, Spring 2015; 2016; 2017.

### **RESEARCH EXPERIENCE**

Research Assistant, Sciences Po, June 2014 - December 2015.

### **SCHOLARSHIPS AND AWARDS**

Doctoral School Scholarship, Sciences Po, 2015 - 2018.

Summa cum Laude (top 2%), Sciences Po, 2013 - 2015.

University Honours, Università degli Studi di Padova, 2010 - 2013.

### **CONFERENCE AND SEMINARS PRESENTATIONS**

- 2018: Econometric Society Winter Meeting (scheduled); Annual Search and Matching Conference - Cambridge (Poster); Sciences Po Lunch Seminar.
- 2017: Sciences Po Lunch Seminar.

**COMPUTER SKILLS**

Julia, Python, R, Stata.

**LANGUAGES**

Italian (native), English (Fluent), French (Fluent), Spanish (beginner).