

# SELMA MALMBERG

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## RESEARCH FIELDS

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Macroeconomics, Inequalities, Taxation

## EDUCATION

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**Le Mans Université, Le Mans**

2020-2024

PhD in Economics

*Title:* “Great recessions, economic inequalities and the effectiveness of macroeconomic policies”

*Supervisors:* François Langot, Pablo Winant

*Jury:* Adrien Auclert (Stanford University), Olivier Blanchard (Paris School of Economics), Edouard Challe (Paris School of Economics), Axelle Ferriere (Sciences Po Paris), Patrick Fève (Toulouse School of Economics), Etienne Wasmer (NYU Abu Dhabi)

Winner of the 2025 **Special PhD prize** of the Cour des Comptes

**Paris School of Economics, Paris**

2019-2020

Master in Economics (Analysis and Policy in Economics)

*Master thesis:* “Impact of a global stablecoin on the International Monetary System”

*Supervisor:* Agnès Bénassy-Quéré

**Ecole Nationale des Ponts et Chaussées, Paris**

2016-2020

Diplôme d’Ingénieur

**Lycée Janson de Sailly, Paris**

2014-2016

Classe préparatoire in mathematics and physics (MPSI-MP\*)

## ADDITIONAL TRAINING

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NBER Heterogeneous-Agent Macro Workshop, Spring 2023 (by Adrien Auclert, Bence Bardóczy, Matthew Rognlie, and Ludwig Straub)

ECB Heterogeneous-Agent Macro in Sequence Space Workshop, Summer 2022 (by Bence Bardóczy)

Dynare Summer School, Summer 2021 (by Stéphane Adjemian, Michel Juillard, Frédéric Karamé, Willi Mutschler, Johannes Pfeifer, Marco Ratto and Sébastien Villemot)

## WORKING PAPERS

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- *Income Tax Fluctuations and Uncertainty (Job Market Paper)*
- *Solving and Estimating a Heterogeneous Agent Model with Aggregate Shocks*  
**Revise & Resubmit** at the Annals of Economics and Statistics
- *Fiscal consolidation: balancing growth, debt and inequality*  
with François Langot, Jocelyn Maillard, Fabien Tripier and Jean-Olivier Hairault
- *Making Environmental Policies Acceptable*  
with François Langot, Fabien Tripier and Jean-Olivier Hairault

## PUBLICATIONS

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### Peer-reviewed journals

*The Macroeconomic and Redistributive Effects of the French Tariff Shield*

with François Langot, Fabien Tripier and Jean-Olivier Hairault

Accepted at the **Journal of Political Economy Macroeconomics**

### Policy notes

*Impact des droits de douane américains sur l'économie française: enjeux sectoriels et macroéconomiques*

i-MIP note n°2025-06

with Lionel Fontagné, Julian Hinz, François Langot, Jocelyn Maillard, Mathieu Parenti and Fabien Tripier

*Réduire la dette de la France : enjeux macroéconomiques et distributifs*

i-MIP note n°2025-07

with François Langot, Jocelyn Maillard, Fabien Tripier and Jean-Olivier Hairault

*L'impact du projet de loi de finances 2025 sur la croissance, l'emploi et le déficit public*

Note n°2024-04 from the CEPREMAP macroeconomics observatory

with François Langot, Jocelyn Maillard, Fabien Tripier and Jean-Olivier Hairault

*Consolidation budgétaire et risque de hausse de la dette publique*

Note n°2024-03 from the CEPREMAP macroeconomics observatory

with François Langot, Jocelyn Maillard, Fabien Tripier and Jean-Olivier Hairault

*Comment réduire la dette publique sans entraver la croissance économique, ni accroître les inégalités ?*

Note n°2024-01 from the CEPREMAP macroeconomics observatory

with François Langot, Jocelyn Maillard, Fabien Tripier and Jean-Olivier Hairault

*Quelles sont les incertitudes autour du projet de loi de finances 2024 ?*

Note n°2023-03 from the CEPREMAP macroeconomics observatory

with François Langot, Jocelyn Maillard, Fabien Tripier and Jean-Olivier Hairault

*Projections de la dette publique française : un manque d'ambition risqué*

Note n°2023-02 from the CEPREMAP macroeconomics observatory

with François Langot, Jocelyn Maillard, Fabien Tripier and Jean-Olivier Hairault

*Taxe carbone : quelles politiques macroéconomiques pour favoriser son acceptabilité ?*

Note n°2023-01 from the CEPREMAP macroeconomics observatory

with François Langot, Fabien Tripier and Jean-Olivier Hairault

*Loi de finance 2023 : quel impact a eu le bouclier tarifaire sur la croissance, l'inflation, la dette publique et les inégalités ?*

Note n°2022-05 from the CEPREMAP macroeconomics observatory

with François Langot, Fabien Tripier and Jean-Olivier Hairault

## WORK EXPERIENCE

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**Banque de France**

*Macroeconomist-Modeller*

December 2025 - present

*Paris*

**CEPREMAP and i-MIP**

*Economist*

January - November 2025

*Paris*

**CEPREMAP**

*PhD candidate*

November 2020 - December 2024

*Paris*

<b>European Central Bank</b> <i>PhD trainee</i>	July - September 2022 <i>Frankfurt-am-Main</i>
<b>QuantCube Technology</b> <i>Data analyst intern</i>	June - November 2020 <i>Paris</i>
<b>Société Générale CIB</b> <i>Economics research trainee</i>	June 2018 - May 2019 <i>London</i>
<b>Lazard</b> <i>Academic project for the Sovereign Advisory Group</i>	January - May 2018 <i>Paris</i>

## TEACHING EXPERIENCE

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<b>Ecole Nationale des Ponts et Chaussées</b> <i>Supervision of a student on a long-term (12 months) internship</i>	2023-24 <i>Paris</i>
<b>Université Paris Dauphine-PSL</b> <i>Adjunct Instructor in Key challenges for advanced macroeconomics (Master)</i>	Falls 2023-25 <i>Paris</i>
<b>Sciences Po Paris</b> <i>Adjunct Instructor in Statistics applied to social sciences (Bachelor)</i>	Springs 2022-24 <i>Reims</i>
<b>Sciences Po Paris</b> <i>Adjunct Instructor in Mathematics applied to quantitative social sciences (Bachelor)</i>	Falls 2021-25 <i>Reims</i>
<b>Paris School of Economics</b> <i>Teaching Assistant in Macroeconomic policies for Charles Serfaty (Master)</i>	Fall 2021 <i>Paris</i>
<b>Université Paris-Cité</b> <i>Teaching Assistant in Mathematical tools for microeconomics (Bachelor)</i>	Spring 2021 <i>Paris</i>

## PRESENTATION

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### 2025

- BSE Summer Forum (Barcelona, Spain), ASSA meeting – poster session (San Francisco, USA), CEF conference (Santiago, Chile), Dynare conference (Helsinki, Finland), ASSET conference (Rabat, Morocco), ADRES conference (Strasbourg, France), LED seminar (Paris 8, France), CEPS seminar (Evry, France): *Income Tax Fluctuations and Uncertainty*
- Climate Adaptation, Policy, Redistribution, and Green Innovation (CLIMADAP) workshop (Lancaster, UK): *Making Environmental Policies Acceptable*

### 2024

- SED Winter meeting (Buenos Aires, Argentina), XXVII workshop on dynamic macroeconomics (Vigo, Spain), Czech National Bank conference on Heterogenous Agents in Macroeconomic Models – poster session (Prague, Czech Republic), Dauphine workshop on Macroeconomic policies with heterogeneous agents (Paris, France), IAAE conference (Thessaloniki, Greece), EEA conference (Rotterdam, Netherlands), AFSE conference (Bordeaux, France), Groupe de Travail d'Économie de la Fiscalité (Paris, France): *Income Tax Fluctuations and Uncertainty*
- CEF conference (Singapore), Groupe de Travail d'Économie de la Fiscalité (Paris, France), CREM seminar (Rennes, France): *Fiscal consolidation: balancing growth, debt and inequality*

### 2023

- SED meeting (Cartagena, Colombia), Theories and Methods in Macro conference (T2M, Paris, France); EEA conference (Barcelona, Spain), Dynare conference (Valletta, Malta), AFSE conference (Paris, France), CNRS Thematic School on Public Policy Evaluation (ETEPP) – poster session (Aussois, France), Workshop of the EDGE doctoral school (Rennes, France): *The Macroeconomic and Redistributive Effects of the French Tariff Shield*
- CEF conference (Nice, France), Banque de France conference on climate finance, risk and uncertainty modelling (Paris, France), AFSE conference (Paris, France), Macro Workshop (Paris School of Economics), CNRS Thematic School on Public Policy Evaluation (ETEPP) – poster session (Aussois, France): *Making Environmental Policies Acceptable*
- GAINS seminar (Le Mans Univeristé), Macro Workshop (Paris School of Economics): *Income Tax Fluctuations and Uncertainty*

## 2022

- ECB DG-Economics, Supply Side, Labour and Surveillance (SSL) division presentation: *Recurrent Crises*
- Macro Workshop (Paris School of Economics): *Household Savings and Debt in Times of Crisis*
- GAINS seminar (Le Mans Univeristé), CNRS Thematic School on Public Policy Evaluation (ETEPP) – poster session (Aussois, France): *Solving and Estimating a Heterogeneous Agent Model with Aggregate Shocks*

## 2021

- Dynare internal presentation (CEPREMAP): *Solving and Estimating a Heterogeneous Agent Model with Aggregate Shocks*
- GAINS seminar (Le Mans Univeristé): *Impact of a Global Stablecoin on the International Monetary System*

## PROFESSIONAL SERVICES

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- Referee for the *Revue économique*
- Discutant for the *20th Doctorissimes (PSE, France)*, *14th Doctoral Conference on International Macroeconomics (Nanterre, France)*

## SKILLS

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<b>Programming</b>	Python, Julia, Matlab, Dynare, R, Eviews, C++, SQL
<b>Typesetting Document</b>	LaTeX
<b>Languages</b>	French (native), English (fluent), Swedish (basics), German (basics)

## REFERENCES

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**Pr. François Langot**  
 Le Mans Université  
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**Pr. Pablo Winant**  
 ESCP Business School  
 pwinant@escp.eu

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 Banque de France  
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**Pr. Adrien Auclert**  
 Stanford University  
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