

## Yannick PEREZ

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Web:  
Birth: 07.27.1971 in Mont de Marsan, France  
Other: Married, 2 children  
Languages: French (native), English (fluent), Spanish (fluent)

### DOMAIN OF INTEREST

**Environmental Economics, Economics and Management of Network Industries, Electricity Market Reforms, Industrial Organisation, Institutional Economics, Electromobility.**

### POSITIONS

- From Sept 2019: **Full Professor of Economics**, CentraleSupélec (Paris) Paris-Saclay Univ.
- Since Feb 2012: **Chairholder** Armand Peugeot Chair (CentraleSupélec and ESSEC BS).
- Sept 2011 to Aug 2019: **Associate Professor of Economics**, CentraleSupélec Paris-Saclay Univ.
- 2008-2016: **Chief Economic Advisor** of the Loyola de Palacio Chair on EU Energy Policy, Robert Schuman Centre for Advanced Studies, European University Institute.
- Sept 2003- August 2011: **Associate Professor of Economics** (Tenured), University Paris-Sud.
- 2000-2003: **Lecturer in Economics**, Cergy University.

### DEGREES

- 2014 -2015: Accreditation to supervise research (HDR)**, University Paris-Dauphine.
- 1998 - 2002: Ph. D. in Economics**: University of Paris 1 Panthéon-Sorbonne.
- 1995 -1997: Master in Economics**: University of Paris I Panthéon-Sorbonne & Ecole Normale Supérieure de Fontenay St-Cloud.

### PUBLICATIONS AND SCIENTIFIC ACTIVITIES

#### **Peer reviewed publications in English**

1. Wale Arowolo & Perez Yannick 2020, Market Reform in Nigeria Power sector: A review of issues and potential solutions, Energy Policy Forthcoming.
2. Icaro Silvestre Freitas Gomes, Yannick Perez, Emilia Suomalainen 2020 Coupling small batteries and PV generation: A review, Renewable and Sustainable Energy Reviews 126 (2020) 109835.
3. Andrew Thompson and Yannick Perez 2020, Vehicle-to-Anything (V2X) Energy Services, Value Streams, and Regulatory Policy Implications, Energy Policy 137 (2020) 111136
4. Quentin Hoarau & Yannick Perez, 2019, Network tariff design with distributed energy resources and electric vehicles, Energy Economics
5. Olfa Tlili Christine Mansilla David Frimat Yannick Perez, 2019 Hydrogen market penetration feasibility assessment: Mobility and natural gas markets in the US, Europe, China and Japan, International Journal of Hydrogen Energy
6. Olfa Tlili, Christine Mansilla, Martin Robinius, Konstantinos Syranidis, Markus Reuss, Jochen Linssen, Jean André, Yannick Perez, Detlef Stolten. 2019, Role of electricity interconnections and impact

of the geographical scale on the French potential of producing hydrogen via surplus electricity by 2035, Energy.

7. Wale Arowolo, Philipp Blechinger, Catherina Cader, Yannick Perez 2019, Seeking workable solutions to electrification challenge in Nigeria: Minigrid, reverse auctions and institutional adaptation, *Energy Strategy Reviews* 23 (2019) 114-141.
8. Ramírez Díaz Alfredo, Marrero Gustavo, Ramos-Real Francisco, Perez Yannick, 2018 Willingness to pay for the electric vehicle and their attributes in Canary Islands, *Renewable and Sustainable Energy Reviews* Volume 98, December 2018, Pages 140-149.
9. Ramírez Díaz Alfredo, Ramos-Real Francisco Javier, Perez Yannick, Barrera Santana Josue, 2018, Interconnecting isolated electrical systems. What is the best strategy for the Canary Islands? *Energy Studies Review- Vol. 22* (2018) pp. 37–46.
10. Hoarau Quentin and Perez Yannick, 2018, Interactions Between Electric Mobility And Photovoltaic Generation: A Review, *Renewable and Sustainable Energy Reviews* 94 (2018) 510–522.
11. Rodríguez Brito Maria Gracia, Ramírez-Díaz Alfredo Jesús, Ramos-Real Francisco J., Perez Yannick, 2018, Psychosocial traits characterizing EV adopters' profiles: The case of Tenerife (Canary Islands), *Sustainability* 2018, 10, 2053.
12. Donada Carole & Perez Yannick (2018) Editorial, Electromobility: towards a new dominant design? in *International Journal of Automotive Technology and Management* Vol. 18, No. 3, pages 179-186, 2018
13. Vazquez Miguel, Hallack Michelle and Perez Yannick 2018, The dynamics of institutional and organizational change in emergent industries: The case of electric vehicles *International Journal of Automotive Technology and Management* Vol. 18, No. 3, pages 187-208, 2018
14. Borne Olivier, Yannick Perez and Marc Petit 2018, Market integration or bids granularity to enhance flexibility provision by batteries of Electric Vehicles, *Energy Policy*, Volume 119, August 2018, Pages 140–148.
15. Borne Olivier, Korte Klaas, Perez Yannick, Petit Marc and Purkus Alexandra 2018, Barriers to entry in Frequency-Regulation Services Markets: Review of the status quo and options for improvements, *Renewable and Sustainable Energy Review*. Volume 81, Part 1, January 2018, Pages 605–614
16. Khanam Tahamina, Rahman Abul, Mola-Yudeg Blas, Pelkonen Paavo, Perez Yannick, Pykäläinen Jouni 2017, Achievable or unbelievable? Expert perceptions of the European Union targets for emissions, renewables, and efficiency, *Energy Research & Social Science*, Volume 34, December Pages 144-153
17. Codani Paul, Perez Yannick and Petit Marc 2016, Financial Shortfall for Electric Vehicles: economic impacts of Transmission System Operators market designs, *Energy*, Volume 113, pp 422-431.
18. Eid Cherrelle, Codani Paul, Perez Yannick, Reneses Javier, Hakvoort Rudi, 2016, Managing electric flexibility from Distributed Energy Resources: A review of incentives for market design, *Renewable and Sustainable Energy Reviews*, Volume 64, pp 237–247.
19. Codani Paul, Le Portz Pierre-Louis, Claverie Pierre, Petit Marc & Perez Yannick 2016, Coupling local renewable energy production with electric vehicle charging: a survey of the French case, *International Journal of Automotive Technology and Management*, Vol 16, N°1, pp 55-69, 2016.
20. Perez Yannick (eds), 2015, Editeur du numéro Spécial de la revue *International Journal of Hybrid and Electric Vehicles* Vol 7, N°3.
21. Rioux Vincent, Perez Yannick & Roques Fabien 2015, Which electricity market design to encourage the development of demand response? *Economic Analysis and Policy*, Volume 48, Pages 128-138.
22. Ramírez Alfredo, Ramos-Real Francisco, Marrero Gustavo & Perez Yannick, 2015, Impact of Electric Vehicles as Distributed Energy Storage in Isolated Systems: The Case of Canary Islands, *Sustainability*, 7(11):15152-15178 November.
23. Rioux Vincent, Perez Yannick & Roques Fabien 2015, Which electricity market design to encourage the development of demand response? *Economic Analysis and Policy*, Volume 48, Pages 128-138, 2015.
24. Codani Paul, Petit Marc and Perez Yannick, 2015, Participation of an Electric Vehicle fleet to primary frequency control in France, *International Journal of Electric and Hybrid Vehicles*, Vol 7, N°3, pp 233-249.
25. Marrero Gustavo, Perez Yannick, Petit Marc & Ramos-Real Francisco 2015, Electric Vehicle Fleet contributions for Isolated Systems. The case of the Canary Islands. *International Journal of Automotive Technology and Management*. Vol.15, No.2, pp.171 - 193.

26. Rious Vincent and Perez Yannick 2014, Review of supporting scheme for Island Power System Storage? *Renewable and Sustainable Energy Reviews*, 29 (2014) 754–765.
27. Kempton Willett, Perez Yannick, and Petit Marc, 2014, Public Policy Strategies for Electric Vehicles and for Vehicle to Grid Power. *Revue d'Economie Industrielle*. N° 148, pp 263-291, 2014
28. Glachant Jean-Michel, Khalfallah Haikel, Perez Yannick, Rious Vincent and Saguan Marcelo 2013, Implementing Incentive Regulation with Imperfect Regulators, *Competition and Regulation of Network Industries*. Issue 2013 pp264-289.
29. Rious Vincent, Perez Yannick and Jean-Michel Glachant 2011, Transmission Network Investment as an Anticipation Problem. *Revue of Network Economics*, Vol.10 Iss. 4, Article 1.
30. Perez Yannick & Francisco Ramos Real 2009, The public promotion of renewable energies sources in the electricity industry from the Transaction Costs perspective. The Spanish case. *Renewable and Sustainable Energy Reviews* 13 (2009) 1058–1066.
31. Glachant Jean-Michel, Dubois Ute and Perez Yannick 2008, Deregulating with no regulator: Is Germany electricity transmission regime institutionally correct? *Energy Policy* Vol 36 Issue 5 (2008) pp 1600–1610.
32. Perez Yannick & Francisco Ramos Real 2008, How to Make A European Market in Small and Isolated Electricity Systems? The Case of Canary Islands, *Energy Policy* Vol 36 (11), pp. 4159-4167
33. Rious Vincent, Glachant Jean-Michel, Dessante Phillipe and Perez Yannick 2008, The diversity of design of TSOs, *Energy Policy* Vol 36 Issue 9 (2008) pp 3323– 3332.
34. Finon Dominique and Perez Yannick 2007, Transactional Efficiency and Public Promotion of Environmental Technologies: The Case of Renewable Energies in the Electric Industry. *Ecological Economics* 62 (2007) pp 77 – 92
35. Haas, Reinhard; Auer, Hans; Glachant, Jean-Michel; Keseric, Nenad & Perez Yannick 2006, The Liberalisation of the Continental European Electricity Market - Lessons Learned". *Energy Studies Review: Vol. 14: Iss. 2, Article 3.*

#### **REFeree IN INTERNATIONAL JOURNALS**

- **In Energy:** *Applied Energy; Renewable and Sustainable Energy Reviews; Energy Journal; Energy Economics; Energy Policy; Review of Energy Studies; Utilities Policy; Climate Policy; Renewable Energy; Int. J. of Global Energy Issues, Technology and Economics of Smart Grids and Sustainable Energy, CRC Press - Taylor & Francis Group; Latin America Economic Review; Applied Economics incorporating Applied Financial Economics.*
- **In Industrial Organization:** *Review of Industrial Organization; Journal of Network Industries; Int. J. of Electric and Hybrid Vehicles; Int. J. of Automotive Management and Technology ; Omega ; The Int. J. of Management Science.*

#### **PHD SUPERVISION: *Black Economist; Blue Engineer; Green Managers***

#### **Still in process:**

1. 2018-2021: **FREITAS Icaro:** « *Economics of home storage, EV and PV* » Université Paris-Saclay
2. 2018-2021: **VENEGAS Felipe:** « *Electric vehicles flexibility and DSO services* » Université Paris-Saclay
3. 2017-2020: **HOARAU Quentin:** « *Electric vehicles and PV developement* » Université Paris-Saclay.
4. 2019-2022 : **METAIS Marc Olivier :** "*Optimisation des infrastructures de recharge dans un territoire*" Depuis le 1 octobre 2019. Université Paris-Saclay
5. 2019-2022: **LAVERGE Rémi :** "*Impacts et opportunités des nouvelles mobilités pour le système électrique*". Depuis le 1 octobre 2019. Université Paris-Saclay
6. 2019-2022: **LITTLE Emily :** "*Avenir de la gestion de la capacité d'interconnexion transfrontalière*". Université Paris-Saclay

## Program ended:

1. 2016-2019: **Wale Arowolo**: « *A workable market design for Nigeria electrification?* » Université Paris-Saclay: Defended April.
2. 2016-2019 : **Olfa Tili**: « *Hydrogen systems: which contribution to the energy system?* » Université Paris-Saclay: Defended in November
3. 2016-2019: **Andrew Thomson**: « *Economic Analysis of EV battery degradation while charging and discharging electricity in the grids* ». Université Paris-Saclay: defended in December
4. 2016-2019: **Tim Schittekatte**: « *Tariff Design and innovations in Distribution networks* ». Florence School of Regulation, EUI and Université Paris-Saclay. Defended April.
5. 2016-2019: **Olivier Borne**: « *Electric vehicle fleets providing flexibility services to the grids* » Université Paris-Saclay Defended March
6. 2015-2018: **Yurong Chen**: « *Analysis of New Electric mobility providers strategies* ». Université Paris-Saclay: Defended May.
7. 2012-2016: **Paul Codani**: « *Market Design for Grid Integrated Electric Vehicles*» Université Paris-Saclay: Defended October.

## CONSULTING ACTIVITIES

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### Selected Activities

- 2012 - 2021: Economic and technical analysis of Electromobility, PSA Group.
- 2005 - 2010: « *Reflexive Governance in the Public Interest* » 6<sup>th</sup> PCRD's European Commission <http://refgov.cpdr.ucl.ac.be/>
- 2007- 2008: **CESSA**: “*Coordinating Energy Security in Supply Activities*”, 6<sup>th</sup> PCRD's European Commission [www.cessa.eu.com](http://www.cessa.eu.com) /
- 2004 – 2005: **SESSA** “*European Regulation Forum on Electricity Reforms*”, Integrated Project 6<sup>th</sup> PCRD's European Commission. [www.sessa.eu.com](http://www.sessa.eu.com)

## TEACHING

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### Economics Courses in Master Programs

- Environmental Economics; Network Economics; Market Design; Electricity Reforms; Energy Economics; Electromobility; Research Methods in Economics.