

**CURRICULUM VITAE
(SUMMARY)**

PERSONAL INFORMATION

Family name, first name: Rosellón, Juan

Nationality: Mexican/Permanent Resident: Germany

Date of birth: 05.09.1962

URL for web sites: <http://www.cide.edu/investigador/profile.php?IdInvestigador=53>;

http://www.diw.de/de/diw_01.c.100380.de/ueber_uns/menschen_am_diw_berlin/research_affiliates/research_affiliates.html

BIOGRAPHY (March 2016)

Juan Rosellón is tenured Professor at the Department of Economics of the Centro de Investigación y Docencia Económicas (CIDE) in Mexico City as well as a Research Fellow at DIW-Berlin (Department of Energy, Transport and the Environment, EVU). Since September 2014, he is also an independent member of the directing board of the Mexican Electricity Independent System (CENACE), by appointment of the President of Mexico. Likewise, he is member of the Faculty Advisory Board of the Florence School of Regulation, European University Institute. During 2010-2012 he was Visiting Senior Scholar at the Technische Universität Berlin (TU Berlin), and, since 2010, Visiting Senior Researcher at DIW Berlin. He has also been Visiting Professor at the Chair of Energy Economics and Public Sector Management of the Technische Universität Dresden (EE2) during 2007-2010, Visiting Researcher and Senior Fellow at the Kennedy School of Government of Harvard University since 2002, as well as External Academic Advisor at the School of Engineering of the National Autonomous University of Mexico (UNAM) during 2006-2012. Professor Rosellón is an international expert on economic regulation of energy networks. The European Union awarded him in 2012 the *Marie-Curie International Incoming Fellowship*. His proposal, *RES Grid Integration*, obtained the highest score in the area of Economics (only four economics proposals were finally funded among more than 4,000 total proposals). Also in 2012, he was part of the research team of DIW Berlin that obtained a substantial grant from the *Mercator Foundation* to carry out research on large-scale renewable integration in Germany. In February 2009, he was awarded with the 4th *Reimut Jochimsen Prize* by the Deutsche Bundesbank (German Central Bank). Likewise, he won in 2008 the *Georg Forster Fellowship* from the Humboldt Foundation to support research visits to Germany from 2009-2012. He was Repsol-YPF-Harvard-Kennedy-School Fellow at the Kennedy School of Harvard University from 2003-2005. During 2002-2003, he was as well Senior Fellow at the Kennedy School as a *Fulbright Scholar*. At CIDE he leads a research network on applied regulatory economics that has received research grants from El Colegio de México (PIERAN), the Mexican Energy Regulatory Commission (CRE), the Mexican Science and Technology Foundation (CONACYT), the *Rand Corporation*, the *World Bank*, the *Inter-American Development Bank*, the *Tinker Foundation*, *Stanford University*, and the *Naumann Foundation*. Professor Rosellón was also the Director of CIDE's Workshop on Energy Economics and Regulation aimed to train Mexican government officials in the energy sector from 1998-2001. Rosellón was also Editor in Chief for around five years (2000-2002 and 2011-2014) of *Economía Mexicana (Nueva Época)*, one of the leading economics journals (SSCI) in Latin America. He also achieved the transformation of this journal into a leading economics journal in Latin America, *Latin American Economic Review (LAER)* published open access by *Springer*. He will be Editor in Chief of LAER for a two-year term (2014-2015). Additionally, Rosellón was invited in 2011 to the Editorial Board of *Economics of Energy & Environmental Policy*, the newest refereed journal of the International Association for Energy Economics (IAEE), and in 2016 to the Editorial Board of the *Review of Network Economics*. Rosellón was as well Secretary of the Mexican Chapter of the IAEE (1999-2001), and member of its advisory board since October 2001. He was Chief Economist at CRE (1995-1997) during which time he had a leading participation in all economic policy decisions regarding the regulatory reform process of the Mexican natural gas and electricity sectors. He was a faculty member of the Program on Privatization, Regulatory Reform and Corporate Governance at Harvard University (1997-2000), and at Princeton University (2001). He is member of the Mexican National System of Researchers (SNI) since 1994. He currently holds level III at SNI (level III is the highest level). In 1994, he received the National Award in Economics (Premio Nacional de Economía, *Juan F. Noyola*) from Mexican president *Ernesto Zedillo*. Professor Rosellón earned his Ph.D and M.A degrees in Economics from Rice University. He also obtained M.Sc and B.Sc degrees in Mathematics, as well as a B.A degree in Economics (UNAM). He won the *Gabino Barreda Medal*, the most important student honor granted by UNAM. Juan Rosellón has achieved around 115 publications on regulatory and energy economics, and has presented his work in more than 120 international seminars and congresses. As of March 2016, he ranks among

the most productive academic economists worldwide in the area of regulation (no. 37, top 2.8%) of the IDEAS-RePEc database. Likewise, Rosellón stood the last decade as one of only eight authors in Mexico ranked among the most productive in Mexico considering any possible ranking criteria, such as Conacyt, Kiel, and JCR (Arteaga-García, J. L. and D. Flores-Curiel, 2013, *La producción científica de los economistas académicos en México entre 2000 y 2010, Economía Mexicana. Nueva Época*, vol. XXII, no. 1).

TEN REPRESENTATIVE PUBLICATIONS:

1. “Testing regulatory regimes for power transmission expansion with fluctuating demand and wind generation,” *Journal of Regulatory Economics*, Springer, vol. 47(1), pages 1-28, **2015** (with W. P. Schill and J. Egerer).
2. “Power System Transformation towards Renewables: An Evaluation of Regulatory Approaches for Network Expansion,” *The Energy Journal*, vol. 36, no. 4, **2015** (with J. Egerer and W. P. Schill).
3. “Removing Cross-Border Capacity Bottlenecks in the European Natural Gas Market: A Proposed Merchant-Regulatory Mechanism,” *Networks and Spatial Economics*, vol. 15: pp. 149-181, **2015** (with A. Neumann and H. Weigt)
4. “Long-run cost functions for electricity transmission,” *The Energy Journal*, vol. 33, no. 1, **2012**, ISSN: 0195-6574 (with I. Vogelsang and H. Weigt).
5. “Lumpy Investment in Regulated Natural Gas Pipelines: an Application of the Theory of the Second Best,” *Networks and Spatial Economics*, 11:533–553, **2011**, ISSN: 1572-9427 (with D.L. Brito).
6. “A Dynamic Incentive Mechanism for Transmission Expansion in Electricity Networks—Theory, Modelling and Application”, *The Energy Journal*, Vol. 32, No. 1, pp. 119-148, **2011**, ISSN: 0195-6574 (with Hannes Weigt). Winner of the 4th Reimut Jochimsen Prize, awarded by the German Central Bank: "European Infrastructure Policy, Challenges for Future Energy Markets in the European Community." Top Ten SSRN download list for: Theory: Networks, Other (April 2008).
7. “Toward a Combined Merchant-Regulatory Mechanism for Electricity Transmission Expansion,” *Journal of Regulatory Economics*, Vol. 38, No. 2, 113-143, **2010**, ISSN: 0922-680X (Print) 1573-0468 (Online) (with William W. Hogan, and Ingo Vogelsang).
8. “Pricing Natural Gas in Mexico: An Application of the Little-Mirrlees Rule – the Case of Quasi-Rents,” *Southern Economic Journal*, 76(4), pp. 1131-1136, **2010**, ISSN: 0038-4038 (with D.L. Brito).
9. “A Merchant Mechanism for Electricity Transmission Expansion,” *Journal of Regulatory Economics*, vol. 29, no.2, pp. 167-193, March, **2006**, ISSN: 0922-680X (Print) 1573-0468 (Online) (with Tarjei Kristiansen).
10. “Price Regulation in a Vertically Integrated Natural Gas Industry: The Case of Mexico,” *The Review of Network Economics*, vol. 4, issue 1, pp. 75-92, March, **2005**, ISSN: 1446-9022, <http://www.rnejournal.com/index.html> (with D.L. Brito).

INVITED PRESENTATIONS TO PEER-REVIEWED, INTERNATIONALLY ESTABLISHED CONFERENCES (SELECTED):

1. *Berlin Conference on Energy and Electricity Economics* (BELEC 2015), presentation: “Reforming the Mexican Electricity Market: Design and Regulatory,” Issues May 27th-28th, Berlin, Germany.
2. *Symposium on Mexico’s Energy Reform: Regulatory Policy, its Execution and International Perspective*, “The Mexican Electricity Reform: Some Key Issues,” The Fletcher School, Tufts University, February 17th, 2015, Medford, MA, United States.
3. *Symposium on Energy Markets and Sustainability, Chair of Energy Sustainability*, “An Optimal Welfare Analysis of Electricity-Transmission Regulatory Regimes: The Case of Germany,” IEB-Universidad de Barcelona, February 3rd, 2015, Barcelona, Spain: <http://www.ub.edu/ubtv/en/video/the-electrical-transmission-sector>
4. *Conference on Energy Industry at a Crossroads: Preparing the Low Carbon Future/TIGER FORUM 2014*, “Allocation of FTRs to Ease Transition to Nodal Pricing” (joint with Friedrich Kunz and Karsten Neuhoff), University of Toulouse, Toulouse, France, June 5-6, France.
5. *10th International Conference on the European Energy Market* (EEM13), “Towards Optimal Regulation of Transmission Network Investment under Renewable Integration,” Stockholm, Sweden, May 28-30, 2013.
6. *The Economics of Energy Markets; IDEI-Toulouse Conference*, presentation: “Regulated Expansion of Electricity Transmission Networks: The Effects of Fluctuating Demand and Wind Generation,” June 16-17, Toulouse, France, 2011.

7. *The Economics of Energy Markets; IDEI-Toulouse Conference*, presentation: “Long-run Cost Functions for Electricity Transmission,” January 28-29, Toulouse, France, 2010.
8. *8th Conference on Applied Infrastructure Research (INFRADAY)*, “Innovation in Network Industries – Markets and Regulation, Pull and Push,” Technische Universität Berlin. Presentation: “Mechanisms for the Optimal Expansion of Energy Transmission Networks,” **Keynote Speaker**, Berlin, 9-10 October, 2009.
9. *Regulating Investments in Energy Networks, workshop at CPB, NMa and TILEC/Tilburg University*, presentation: “An Incentive Mechanism for Pipeline Expansion – Theory and Roadmap,” **Keynote Speaker**, July 3, 2009, The Hague, Netherlands.
10. *European Doctoral Seminar on Natural Gas*, presentation: “An Incentive Mechanism for Pipeline Expansion – Theory and Roadmap,” **Keynote Speaker**, June 5th, 2009, DIW Berlin, Germany.
11. *Seminar at the National Energy Board of Canada (NEB)*, “Incentive Mechanisms for Electricity Transmission Expansion: Theory and Policy,” April 8, 2009, Calgary, Alberta Canada
12. *Seminar series of the Program on Energy Sustainable Development*, Stanford University, “Incentive Mechanisms for Electricity Transmission Expansion: Theory and Policy,” January 26th, Palo Alto, California, U.S.A., 2009.
13. *The Economics of Energy Markets; IDEI-Toulouse Conference*, presentation: Lumpy Investment in Regulated Natural Gas Pipelines: An Application of the Theory of the Second Best, June 20-21, Toulouse, France, 2008.
14. *ENERDAY, Conference on Energy Economics and Technology: Market Development, Market Power, and Market Regulation*, **Keynote Speaker**: “A Regulatory Mechanism for Electricity Transmission Expansion,” Dresden University of Technology, Chair for Energy Economics and Public Management, Dresden Germany, April 13, 2007.
15. *Linking Think Tanks Conference, Successful Policy Research: Case Studies from around the World*, Presentation: Regulation of Natural Gas Pricing in Mexico. The Pardee RAND Graduate School, Santa Monica, CA, May 2-3, 2005.

INTERNATIONAL PRIZES/AWARDS/ACADEMY MEMBERSHIPS (SELECTED):

1. Member of the Editorial Board of the *Review of Network Economics*, since March 2016, ISSN 1446-9022.
2. Ranked worldwide among the most productive academic economists in the area of regulation (no. 37, top 2.8%) of the IDEAS-RePEc database, as of March **2016**.
3. Ranked worldwide among the most productive academic economists in the area of energy economics (no. 186, top 7.1 %) of the IDEAS-RePEc database, as of March **2016**.
4. Member of the Faculty Advisory Board of the Florence School of Regulation, European University Institute, since January **2015**.
5. Independent member of the Directing Board of the Mexican Electricity Independent System Operator (CENACE): appointment made by the President of Mexico, Enrique Peña Nieto during September **2014**.
6. Editor in Chief of the economics academic journal "*Latin American Economic Review*," Springer-Verlag **2014-2016**.
7. Ranked in **2013** among the most productive academic economists in Mexico considering any possible ranking criteria, such as Conacyt, Kiel, and JCR (Arteaga-García, J. L. and D. Flores-Curiel, 2013, *La producción científica de los economistas académicos en México entre 2000 y 2010*, *Economía Mexicana. Nueva Época*, vol. XXII, no. 1).
8. *Mercator Foundation* Grant to carry out research on large-scale renewable integration in Germany, DIW Berlin, **2012**.
9. *Marie Curie Incoming International Fellowship (IIF)*, granted by the European Union to carry out research at DIW Berlin from **2012-2014**. Proposal, *RES Grid Integration*, obtained the highest score in the area of Economics (only four economics proposals were finally funded among more than 4,000 total proposals).
10. Member of the Editorial board of *Economics of Energy & Environmental Policy* (newest refereed journal of the International Association for Energy Economics, IAEE), since June **2011**. ISSN 2160-5882.
11. *4th Reimut Jochimsen Prize*, awarded by the *Deutsche Bundesbank* (Federal Reserve Bank of Germany) to the paper "A Dynamic Incentive Mechanism for Transmission Expansion in Electricity Networks - Theory, Modeling and Application (joint with H. Weigt)." Grant date: February 4th, **2009**.

12. *Georg Forster Research Fellowship*, Humboldt Foundation, so as to carry out research visits to Germany from 2009-2011. Grant date: March 11th, **2008**.
13. Research Associate, Lehrstuhl für Energiewirtschaft, Technische Universität Dresden, since 2007.
14. Fundación Mexico en Harvard Scholarship. Grant date: September 2002 – June 2004.
15. Repsol-YPF-Harvard Kennedy School Fellowship. Grant date: September 2003 – June 2004.
16. Fulbright Research Fellowship. Grant date: September 2002 – June 2003.

SUPERVISION/ADVISING OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

Hannes Weigt, **PhD** Program, Chair of Energy Economics and Public Sector Management, Technische Universität Dresden (EE2), “Modeling Competition and Investment in Liberalized Electricity Markets,” 2009

Wolf-Peter Schill, **PhD** Program, DIW Berlin-TU Berlin, “Modeling Market Failures and Regulation in the Changing German Power Market,” 2011.

Eric Zenón Olvera, **PhD** Program in Engineering (Energy), Facultad de Ingeniería (UNAM), “La regulación y el bienestar en la expansión de la red de transmisión eléctrica en un ambiente simulado,” 2008-2011.

Juan A. Tregear Maldonado, **PhD** program in Public Policy, CIDE, “Un diseño de política estratégica basado en el modelo HRV para expansión de redes de transmisión. Aplicaciones para Ontario y enseñanzas para México,” 2008-2011.

Prof. Mohammad Hezamsadeh, KTH Royal Institute of Technology, Stockholm, Sweden, **Post-doctoral Visiting Assistant Professor**, German Institute for Economic Research (DIW Berlin), Germany, September-October, 2013.

Jonas Egerer, **PhD** Program, DIW Berlin-TU Berlin, “Transmission Expansion of Electricity and Natural Gas Networks: Theory and Numerical Simulations,” 2011-2014.

TEACHING ACTIVITIES

DIW BERLIN/TU BERLIN: Trainer at ENERTRAIN 2013:

- Training Session: “Transmission Expansion and Regulation of Electricity Networks: Theory and Numerical Simulations,” October 7th-11th, 2013.

TU BERLIN, Work Group for Infrastructure Policy (WIP): Trainer at INFRATRAN 2010:

- Training Session: “Transmission Expansion of Electricity Networks with Time-Varying Supply and Demand,” October 4-8, 2010.

TU BERLIN, Work Group for Infrastructure Policy (WIP): Trainer at INFRATRAN 2009:

- Training Session: “Transmission Expansion of Electricity and Natural Gas Networks Theory and Numerical Simulations.” October 5-9, 2009.

TU DRESDEN: Instructor in the following course:

- Energiewirtschaft IV (Industrieökonomische Analyse von Energiemärkten): Regulatory Economics Course with Applications to the Energy Sector, Graduate Program in Energy Economics, Chair of Energy Economics and Public Sector Management, TU Dresden, Summer 2007, Summer 2008 (various readings).

CIDE: Instructor in the following courses:

- "Public Economics I", M.A program in economics, Fall 2014, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2001, 2000, 1999, 1998, 1997, 1996. Main text: Laffont, J. "Fundamentals of Public Economics", MIT Press, 1989;
- "Public Economics II (Theory and Practice of Economic Regulation)", M.A program in economics, Spring 2015, 2014, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2001, 1999, 1998, 1997. Main text: Laffont, J. "Fundamentals of Public Economics", MIT Press, 1989;
- “Microeconomics II”, M.A. program in economics, Spring 2002. Main Text: “Microeconomic Theory”, Mas-Colell, Whinston and Green, Oxford, 1995
- "Regulation and Contracts", B.A and M.A programs in economics, Spring 2008, 2007, 2006, 2005, 1999. Main text: Armstrong, M., S. Cowan and J. Vickers, "Regulatory Reform", MIT Press, 1993;
- "Regulation and Contracts", B.A program in economics, Spring 1997, 1996. Main text: Armstrong, M., S. Cowan and J. Vickers, "Regulatory Reform", MIT Press, 1993;
- "Microeconomics III", B.A program in economics, Spring 1995. Main text: Varian, H.R., "Microeconomic Analysis", Norton&Co., 3rd edition, 1992;
- "Introduction to Econometrics", M.A program in public administration, Spring 1994. Main text Kmenta, J., "Elements of Econometrics", Mc Millan, 2nd edition, 1986.