

Curriculum vitae

Paul Neetzow

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Work experiences / Internships / Exchange / Scholarships

- Since Mar 2016 Researcher in the Resource Economics Group at Humboldt-Universität zu Berlin
- Jan 2018 to Jun 2019 Scholar of the Reiner Lemoine-Stiftung
- Jul 2017 to Sep 2017 Guest Researcher at Mathematical Optimization for Decisions Lab, Johns Hopkins University in Baltimore MD, USA
- Feb 2016 to Jul 2017: Researcher at chair for environmental and development economics (CvO University Oldenburg) and at chair for resource economics (Prof. Dr. K. Eisenack, HU Berlin) in the project de.zentral
- Mar 2014 to Jan 2016: Research assistant at several chairs
- Oct 2014 to Sep 2015: Scholar of the **Germany Scholarship**
- Mar 2013 to Aug 2013 Research internship at École Polytechnique de Montréal (Canada) in fluid-structure interaction under the supervision of Prof. Dr. F. P. Gosselin **funded by a research scholarship of the department**
- Aug 2011 to Nov 2011 Research internship at Monash University in Melbourne (Australia) in crowd modelling and panic analyses under the supervision of Prof. Dr. M. Sarvi **funded by a DAAD scholarship**

Education

- Jun 2016 to Nov 2019 Doctoral studies, Humboldt-Universität zu Berlin
Thesis: The economics of power system transitions: Modeling pathways and policies for storage, grids and renewables (*summa cum laude*)
- Oct 2013 to Jan 2016: Sustainability Economics and Management (M. A.)
CvO University Oldenburg (*very good*)
- Sep 2009 to Mar 2013: International Degree Course in Biomimetics (B. Sc.)
University of Applied Sciences Bremen

Publications and selected Conference Papers

- Neetzow, P. (2019). How to go green? The effects of power system flexibility on the efficient transition to renewable generation. Working Paper of the Department of Agricultural Economics, Humboldt-Universität zu Berlin.
- Meya, J., Neetzow, P. (2019). Renewable energy policies in federal government systems. Oldenburg Disc. Papers in Economics V-423-19 and Energy Economics, under Review.

Neetzow, P., Mendelevitch, R., Siddiqui, S. (2019). Modeling coordination between renewables and grid: Policies to mitigate distribution grid constraints using residential PV-battery systems. *Energy Policy*, 132, 1017-1033.

Neetzow, P., Mendelevitch R. (2019). TDP (Transmission Distribution Prosumage), Veröffentlichung von Daten und Modell zu Neetzow et al. (2019), edoc-Server HU Berlin, doi: 10.18452/20118.

Mendelevitch, R, Neetzow, P., Gotgelf, A., Hagen, A., Meya, J. N., Roggero, M., Eisenack, K. (2019). Beim Kohleausstieg sollten wir uns nicht auf eine unsichtbare Hand verlassen. *Lebenswissenschaftliche Fakultät, Humboldt-Universität zu Berlin*. Neetzow, P., Pechan, A., Eisenack, K. (2018). Electricity storage and transmission: Complements or substitutes? *Energy Economics*, 76, 367-377.

Schmid, E., Pechan, A., Neetzow, P., Roofs, C., Neubauer, L. & Eisenack, K. (2017): 6 Thesen zu einer de.zentralen Energiewende – Erkenntnisse aus dem Projekt de.zentral.

Meya, J., Neetzow, P., Neubauer, L. & Pechan, A. (2016): Die Menge macht's? Das EEG 2017 und die Folgen für die deutsche Energiewende. *Energiewirtschaftliche Tagesfragen*, 11/16, online.

Neetzow, P., Pechan, A. & Eisenack, K. (2016): Electricity grid and storage – complements or substitutes? *International Energy Workshop, Cork*.

Neetzow, P. (2015). Electricity storage operation under different cost and market structures. In K. Eisenack (Ed.), *Contributions to the institutional economics of the energy transition*. Oldenburg Discussion Papers in Economics V-385-15.

Gosselin, F. P., Neetzow, P., & Paak, M. (2014). Buckling of a beam extruded into highly viscous fluid. *Physical Review E*, 90(5), 052718.

Research interest

Energy systems and infrastructures, numerical and analytical modelling, power market design

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