Troels Friis Pedersen - Research outputs - DTU Orbit (25/05/2019)

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Research output: Book/Report › Report – Annual report year: 2018 › Research

Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

**Normalized performance and load data for the deepwind demonstrator in controlled conditions.** / Battisti, L.; Benini, E.; Brighenti, A.; Castelli, M. Raciti ; Dell’Anna, S.; Dossena, V.; Persico, G.; Schmidt Paulsen, Uwe; Friis Pedersen, Troels. In: Data in Brief, Vol. 8, 2016, p. 1120-1126.
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Research output: Book/Report › Report – Annual report year: 2016 › Research

Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

**Outcomes of the DeepWind Conceptual Design.** / Schmidt Paulsen, Uwe; Borg, Michael; Aagaard Madsen , Helge; Friis Pedersen, Troels; Hattel, Jesper Henri; Ritchie, Ewen; Ferreira, Carlos Simao ; Svendsen, Harald G.; Berthelsen, Petter Andreas; Smadja, Charles. In: Energy Procedia, Vol. 80, 2015, p. 329-341.
Research output: Contribution to journal › Conference article – Annual report year: 2015 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Research output: Book/Report › Report – Annual report year: 2014 › Research
Evaluation of the DeepWind concept. / Schmidt Paulsen, Uwe; Borg, Michael; Gonzales Seabra, Luis Alberto; Verelst, David Robert; Aagaard Madsen, Helge; Friis Pedersen, Troels; Nielsen, Per Harlyk; Schiøler, Signe; Smadja, Charles; Hattel, Jesper Henri; Carstensen, Stefan; Kragh, Knud Abildgaard; Baran, Ismet; van Bussel, Gerard; Fereira, Carlos; Ritchie, Ewen; Leban, Krisztina; Svendsen, Harald; Svenstrup Petersen, Ole; Berthelsen, Petter Andreas; de Ridder, Erik-Jan; Battis, Lorenzo; He, Wei; Veers, Paul. DTU Wind Energy, 2014. 26 p.


Concept Testing of a Simple Floating Offshore Vertical Axis Wind Turbine. Friis Pedersen, Troels (Author); Schmidt Paulsen, Uwe (Author); Aagaard Madsen, Helge (Author); Nielsen, Per Harlyk (Author); Enevoldsen, Karen (Author); Tesauro, Angelo (Author); Kragh, Knud Abildgaard (Author); VITA, Luca (Author); Ritchie, Ewen (Author); Leban, Krisztina (Author); Wedell-Heineken, Jacob (Author); Helbo Larsen, Karsten (Author). 2013. European Wind Energy Association (EWEA). Event: European Wind Energy Conference & Exhibition 2013, Vienna, Austria.

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Improvement of Wind Farm Performance by Means of Spinner Anemometry: Troels F Pedersen, Giorgio Demurtas, Julia Gottschall, Jørgen Hejstrup, Jesper Degn Nielsen, Wolfgang Christiansen, Günther Weich, Anders Sommer, Friis Pedersen, Troels; Demurtas, Giorgio; Gottschall, Julia; Hejstrup, Jørgen; Degn Nielsen, Jesper; Christiansen, Wolfgang; Weich, Günther; Sommer, Anders; Kristoffersen, Jesper Runge.

Research output: Book/Report › Report – Annual report year: 2014 › Research

Metrology considerations in a fast emerging new energy sector. / Friis Pedersen, Troels.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 › Research › peer-review

Procedure for wind turbine power performance measurement with a two-beam nacelle lidar. / Wagner, Rozenn; Rivera, Rebeca L.; Antoniou, Ioannis; Davoust, Samuel; Friis Pedersen, Troels; Courtney, Michael; Diznabi, Babak.
Research output: Book/Report › Report – Annual report year: 2013 › Research

Calibrating nacelle lidars. / Courtney, Michael; Wagner, Rozenn; Friis Pedersen, Troels; Bardon, Mathieu; Davoust, Samuel.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2012 › Research › peer-review

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Research output: Book/Report › Report – Annual report year: 2011 › Research

Deepwind - an innovative wind turbine concept for offshore. / Schmidt Paulsen, Uwe; Friis Pedersen, Troels; Aagaard Madsen, Helge; Enevoldsen, Karen; Nielsen, Per Hørløk; Hattel, Jesper Henri; Zanne, Luca; Battisti, Lorenzo; Brighenti, Allessandra; Lacaze, Marie; Lim, Victor; Wedel-Heinen, Jakob; Berthelsen, Petter A.; Carstensen, Stefan; de Ridder, Erik-Jan; van Bussel, Gerard; Tescione, Giuseppe.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research

Design and numerical evaluation of a 1kW floating VAWT demonstrator. / Vita, Luca; Friis Pedersen, Troels; Schmidt Paulsen, Uwe; Nielsen, Per Hørløk; Lee, C.Y.; Ho, J.Y.; Ritchie, E.; Carstensen, S.; Smadja, C.
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Nacelle lidar power performance measurement in the context of the IEC 61400-12-1 standard. / Wagner, Rozenn; Friis Pedersen, Troels; Courtney, Michael; Antoniou, I.; Pedersen, S.M.; Bardon, M.; Davoust, S.; Velociter, T.; Le, N.; Mouritzen, A.S.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review
Power performance measured using a nacelle lidar. / Wagner, Rozenn; Friis Pedersen, Troels; Courtney, Michael; Gottschall, Julia; Antoniou, Ioannis; Møller, R.; Markilde Pedersen, Søren; Velociter, T.; Bardon, M.; Le, Nina; Mouritzen, A.S.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research

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Research output: Book/Report › Report – Annual report year: 2011 › Research

Yawing and performance of an offshore wind farm. / Friis Pedersen, Troels; Gottschall, Julia; Kristoffersen, Jesper Runge; Dahlberg, Jan-Åke.
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A novel concept for floating offshore wind turbines: Recent developments in the concept and investigation on fluid interaction with the rotating foundation. / Vita, Luca; Zahle, Frederik; Schmidt Paulsen, Uwe; Friis Pedersen, Troels; Aagaard Madsen, Helge; Rasmussen, Flemming.
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A novel floating offshore wind turbine concept: new developments. / Vita, Luca; Schmidt Paulsen, Uwe; Friis Pedersen, Troels.
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Application of Spinner Anemometry in Yaw Alignment Control. / Friis Pedersen, Troels; Gottschall, Julia; Frandsen, Sten Tronaes; Runge Kristoffersen, Jesper; Dahlberg, Jan-Åke; Christiansen, Wolfgang; Weich, Günther; Ornell, Frank.
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Research output: Contribution to journal › Journal article – Annual report year: 2010 › Communication

Flow distortion on boom mounted cup anemometers. / Lindelöw, Per Jonas Petter; Friis Pedersen, Troels; Gottschall, Julia; Vesth, Allan; Wagner, Rozenn; Schmidt Paulsen, Uwe; Courtney, Michael.
Research output: Book/Report › Report – Annual report year: 2010 › Research

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Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research

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A Procedure for Classification of Cup-Anemometers. / Friis Pedersen, Troels; Paulsen, Uwe Schmidt.
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