Dynamical Systems - Publications - DTU Orbit (01/07/2018)


Hedlund FH Do Not Release Carbon Dioxide If Flammable Vapors Are Present – Static Electricity May Lead To Explosion [Online] 2018 [cited 2018 Apr 06]


Kirkkey CT, Grøsbøll K, Halasa T. Evaluating the impact of transmission mode, calibration level and farmer compliance in simulation models of paratuberculosis in dairy herds. Scientific Reports. 2018;8(1). 9100 . Available from, DOI: 10.1038/s41598-018-27518-7


Camci E, Kripalan DR, Ma L, Kayacan E, Ahmadieh Khanesar M. An Aerial Robot for Rice Farm Quality Inspection With Type-2 Fuzzy Neural Networks Tuned by Particle Swarm Optimization-Sliding Mode Control Hybrid Algorithm. Swarm and Evolutionary Computation. 2017. Available from, DOI: 10.1016/j.swevo.2017.10.003


Ranjan A, Wendt SL, Schmidt S, Madsbad S, Holst JJ, Madsen H et al. Relationship between Optimum Mini-doses of Glucagon and Insulin Levels when Treating Mild Hypoglycaemia in Patients with Type 1 Diabetes - A Simulation Study. Basic & Clinical Pharmacology & Toxicology. 2017; n/a-n/a. Available from, DOI: 10.1111/bcpt.12907


Larsen TJ, Larsen GC, Pedersen MM, Enevoldsen K, Madsen HA. Validation of the dynamic wake meander model with focus on tower loads: Paper. [Sound/Visual production (digital)]. 2017. Wake Conference 2017, Visby, Sweden, 30/05/2017


Fertner ME, Toft N, Boklund A, Stege H, Christiansen LE. *Associations between health, management and antimicrobial use in Danish swine and veal calves.* Frederiksberg C: National Veterinary Institute, Technical University of Denmark, 2016. 124 p.


Kaspersen PS, Drews M, Ambjerg-Nielsen K, Madsen H. *Impacts of urban development and climate change in exposing cities to pluvial flooding*. Technical University of Denmark (DTU), 2016. 48 p.


Pedersen EB, Herbertsson HR, Niemann H, Poulsen NK, Falk AKV. **Model Predictive Control of Sewer Networks.** *Journal of Physics: Conference Series (Online).* 2016;783. 012026. Available from, DOI: 10.1088/1742-6596/783/1/012026


Bacher P, de Saint-Aubain PA, Christiansen LE, Madsen H. **Non-parametric method for separating domestic hot water heating spikes and space heating.** *Energy and Buildings.* 2016;130:107-112. Available from, DOI: 10.1016/j.enbuild.2016.08.037


Sørensen MP, Pedersen NF, Ögren M. The dynamics of magnetic vortices in type II superconductors with pinning sites studied by the time dependent Ginzburg–Landau model. Physica C: Superconductivity and Its Applications. 2016;533:40–43. Available from, DOI: 10.1016/j.physc.2016.08.001


Boioux D, Aradóttir TB, Hagdrup M, Poulsen NK, Madsen H, Jørgensen JB. A Bolus Calculator Based on Continuous-Discrete Unscented Kalman Filtering for Type 1 Diabetics. IFAC Workshop Series. 2015;48(20):159-164. Available from, DOI: 10.1016/j.ifacol.2015.10.132


Giebel G, Göçmen Bozkurt T, Sørensen PE, Réthoré P-E, Poulsen NK, Mirzaei M et al. Experimental verification of a real-time power curve for down-regulated offshore wind power plants. 2015. Poster session presented at EWEA Offshore 2015 Conference, Copenhagen, Denmark.


Møller JK, Christiansen LE. Kommentar til Modeller for Danske Fjorde og Kystnære Havområder. 2015. 9 p.


Græsbøll K, Nielsen SS, Toft N, Christiansen LE. Simulating Spread of Antimicrobial Resistant Bacteria in the Pig Pen: try our online tool. 2015. Poster session presented at Annual Conference of The Society for Veterinary Epidemiology and Preventive Medicine, Ghent, Belgium.


Østergaard NB, Christiansen LE, Dalgaard P. Stochastic modelling of Listeria monocytogenes single cell growth in cottage cheese with mesophilic lactic acid bacteria from aroma producing cultures. International Journal of Food Microbiology. 2015;204:55-65. Available from, DOI: 10.1016/j.ijfoodmicro.2015.03.022


Löwe R, Thorndahl S, Mikkelsen PS, Rasmussen MR, Madsen H. **Probabilistic online runoff forecasting for urban catchments using inputs from rain gauges as well as statically and dynamically adjusted weather radar.** Journal of Hydrology. 2014;512:397-407. Available from, DOI: 10.1016/j.jhydrol.2014.03.027


Bergami L, Gaunaa M, Poulsen NK, Buhl T. Adaptive Trailing Edge Flaps for Active Load Alleviation in a Smart Rotor Configuration. DTU Wind Energy, 2013. 308 p. (DTU Wind Energy PhD; No. 0020(EN)).


Boklund A, Christiansen LE, Hisham Beshara Halasa T, Enøe C. **Simulated effects of changes in herd sizes and densities with regard to FMD outbreaks in Denmark**. 2013. Poster session presented at SVEPM Annual Meeting 2013, Madrid, Spain.


