Publications:

Sparse identification of a predator-prey system from simulation data of a convection model
Dam, M., Brøns, M., Rasmussen, J. J., Naulin, V. & Hesthaven, J. S. 2017 In : Physics of Plasmas. 24, 2, 10 p., 022310
Publication: Research - peer-review › Journal article – Annual report year: 2017

Topological bifurcations in the evolution of coherent structures in a convection model
Dam, M., Rasmussen, J. J., Naulin, V. & Brøns, M. 2017 In : Physics of Plasmas. 24, 8, 7 p., 082301
Publication: Research - peer-review › Journal article – Annual report year: 2017

Topological bifurcations of coherent structures and dimension reduction of plasma convection models
Publication: Research › Ph.D. thesis – Annual report year: 2017

Bifurcation Analysis of Structures in a Convection Model
Dam, M., Brøns, M., Rasmussen, J. J. & Naulin, V. 2015
Publication: Research - peer-review › Poster – Annual report year: 2015

Bifurcation Analysis and Dimension Reduction of a Predator-Prey Model for the L-H Transition
Dam, M., Brøns, M., Juul Rasmussen, J., Naulin, V. & Xu, G. 2014
Publication: Research - peer-review › Poster – Annual report year: 2014

Rotation reversal in a 1D turbulence spreading model
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Towards fusion energy as a sustainable energy source: Activities at DTU Physics
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Projects:

Dynamical Systems Approach to L-H Transition in Magnetically Confined Plasma
Dam, M., Brøns, M., Naulin, V., Rasmussen, J. J., Sørensen, M. P., Sørensen, M. P. & Jensen, M. H.
15/12/2013 → 14/10/2017
Project: PhD

Activities:
SIAM Conference on Uncertainty Quantification
Dam, M. (Participant)
5 Apr 2016 → 8 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Ecole Polytechnique Federale de Lausanne (EPFL)
Dam, M. (Visiting researcher)
15 Mar 2016 → 31 Jul 2016
Activity: Visiting an external institution › Visiting another research institution

Dynamics Days Europe 2015
Dam, M. (Participant)
6 Sep 2015 → 10 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Ph.D. School-Conference on "Mathematical Modeling of Complex Systems"
Dam, M. (Participant)
20 Jul 2015 → 30 Jul 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

51st Culham Plasma Physics Summer School
Dam, M. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.