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Publication: Research - peer-review › Journal article – Annual report year: 2016

Oscillating nonlinear acoustic shock waves
Publication: Research - peer-review › Journal article – Annual report year: 2016

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Publication: Research - peer-review › Journal article – Annual report year: 2015

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Publication: Research - peer-review › Journal article – Annual report year: 2014

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Publication: Research - peer-review › Journal article – Annual report year: 2013

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Meetings with Professor Davydov
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Publication: Research - peer-review › Journal article – Annual report year: 1971

Projects:

Fluxodynamik i Højtemperatur Superleder
01/01/2003 → 28/04/2006
Project: PhD

Rekonfigurérbare optiske belgelederstrukturer genereret ved solitonvekselvirkning
Larsen, P. U. V., Sørensen, M. P., Bang, O., Christiansen, P. L., Hjorth, P. G., Rasmussen, J. J. & Wyller, J. A.
01/09/2002 → 15/05/2006
Project: PhD

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Senchenko, S., Bohr, T., Rasmussen, J. J., Christiansen, P. L., Clanet, C. & Lautrup, B.
01/03/2001 → 27/10/2004
Project: PhD

Nonlinear Photonic Crystals
01/02/2001 → 18/08/2004
Project: PhD

Nonlinear dynamics of optical polymers
01/02/2000 → 22/05/2003
Project: PhD

Biomolecular Motor Mechanisms modelled by ratchets and solitons
01/01/2000 → 31/12/2002
Project

Graduate School in Nonlinear Science
Christiansen, P. L. & Bohr, T.
01/01/2000 → 01/01/2002
Project

Localisation by Nonlinearity and Spatial Discreteness, and Energy Transfer, in Crystals, Biomolecules and Josephson Arrays (LOCNET)
01/01/2000 → 31/12/2002
Project

Marie Curie Training site
Christiansen, P. L., Scott, A. C., Mosekilde, E., Høgh Hansen, M., Colding-Jørgensen, M., Johansen, P. M., Rasmussen, J. J. & Graae Sørensen, P.
01/01/2000 → 31/12/2002
Project
**Modelling, ikke-lineær Dynamik og irreversibel termodynamik (MIDIT)**  
Christiansen, P. L.  
01/01/2000 → 31/12/2002  
Project

**Nonlinear dynamics of optical polymers**  
Broe, J. & Christiansen, P. L.  
01/09/1999 → 01/09/1999  
Project: PhD

**Spatial solitons, vortices, and patterns in non-linear optical media**  
Bache, M., Christiansen, P. L., Bang, O., Rasmussen, J. J., Saffman, M., Tromborg, B., Firth, W. J. & Pedersen, T. G.  
01/04/1999 → 08/11/2002  
Project: PhD

**Graduate School in Nonlinear Science**  
Christiansen, P. L., Scott, A. C., Jensen, M. H., Colding-Jørgensen, M., Johansen, P. M., Rasmussen, J. J., Mosekilde, E. & Sørensen, P. G.  
01/01/1999 → 31/12/1999  
Project

**Ikke-lineære pulser i optiske medier**  
Schjødt-Eriksen, J., Christiansen, P. L., Rasmussen, J. J., Sørensen, M. P., Mørk, J., Bergé, L. & Johansen, P. M.  
01/02/1996 → …  
Project: PhD

**Molecular and biomolecular dynamics**  
01/01/1997 → …  
Project

**Non-linear stochastic models of molecular crystals**  
01/01/1997 → …  
Project

**Superconducting elements and nonlinearity**  
01/01/1997 → …  
Project

**Ikke-lineær dynamisk modellering af optiske komponenter med stokastiske egenskaber**  
Clausen, C. A. B. & Christiansen, P. L.  
01/02/1996 → …  
Project: PhD

**Nonlinear optics**  
Christiansen, P. L., Sørensen, M. P., Clausen, C. A. B., Povlsen, J. H., Rottwitt, K., Flytzanis, N., Teixeiro, M., Caputo, J. G., Torner, L. & Eilbeck, J.
**Fluid dynamics: Ventilation of livestock buildings**  
Christiansen, P. L., Bennetesen, J. C., Thomsen, P. G., Sørensen, M. P., Sørensen, J. N., Søgaard, H. T. & Morsing, S.  
01/08/1995 → 18/09/1998  
Project

**Selv-organiserede processer og kohærente strukturer i kontinuumsystemer**  
01/10/1994 → 15/04/1999  
Project: PhD

**Ventilation af staldanlæg**  
Bennetesen, J. C., Christiansen, P. L. & Barker, V. A.  
01/10/1994 → 04/05/2000  
Project: PhD

**Ikke-lineær dynamik og termiske fluktuationer i kohærente strukturer**  
Rasmussen, K. & Christiansen, P. L.  
01/01/1994 → 24/07/1997  
Project: PhD

**Klassisk og kvante-mekanisk behandling af lokalisering, blow-up og kaos i ikke-lineære systemer**  
Jørgensen, M. F., Christiansen, P. L., Scott, A. C. & Sørensen, M. P.  
01/08/1992 → 18/09/1995  
Project: PhD