

Research Report 314 /2015

CENS

Estonian Centre of Excellence in Research

Bibliography 2011-2015

Centre for Nonlinear Studies CENS
Estonian Centre of Excellence in Research
Bibliography 2011—2015

CENS was founded in 1999 as a virtual centre at the department of mechanics and applied mathematics of the Institute of Cybernetics to coordinate studies of several research groups in the field of nonlinear dynamics.

2002-2007 CENS was included into the first Estonian National Programme for Centres of Excellence in Research.

2009-2011 CENS was a Centre for Excellence in Research of the Tallinn University of Technology

2011-2015 CENS was included into the second Estonian National Programme for Centres of Excellence in Research. (supported by the EU through the European Regional Development Fund – project TK 124)

The research results over the period 2011-2015 are presented in Annual Reports (<http://cens.ioc.ee/cens/about-cens/annual-reports/>).

Highlights of the result are presented in the booklet *Centre for Nonlinear Studies. 2011-2015 Highlights* edited by J. Engelbrecht.

(http://cens.ioc.ee/cens/about-cens/annual-reports/Highlights_2015.pdf/view)

Present bibliography includes the full list of all publications of CENS over the period 2011-2015. The lists are grouped using the Estonian Research Portal publication classification scheme.

Publications in the groups are presented in the alphabetic order of the authors.

Mittelineaarsete protsesside analüüsi keskus CENS

Eesti teaduse tippkeskus

Bibliograafia 2011—2015

Mittelineaarsete protsesside analüüsi keskus (CENS) loodi virtuaalse keskusena 1999. aastal Küberneetika Instituudi mehaanika ja rakendusmatemaatika osakonna juurde eesmärgiga koordineerida mittelineaarse dünaamika valdkonnas töötavate uurimisrühmade uuringuid.

Aastatel 2002-2007 kuulus CENS kümne Eesti teaduse tippkeskuse hulka; 2009-2011 oli TTÜ tippkeskus. 2011-2015 oli CENS üks 12st Euroopa Regionaalarengu Fondi poolt rahastatud Eesti teaduse tippkeskusest.

Tippkeskuse teaduslikud tulemused aastatel 2011-2015 on kajastatud üksikasjalikult keskuse igaaastates aruannetes Annual Report. (vt. <http://cens.ioc.ee/cens/about-cens/annual-reports/>).

Kokkuvõtte tippkeskuse olulisematest tulemustest perioodil 2011-2015 on esitatud J.Engelbrehti toimetatud kogumikus *Centre for Nonlinear Studies. 2011-2015 Highlights*, mis on kättesaadav ka aadressil http://cens.ioc.ee/cens/about-cens/annual-reports/Highlights_2015.pdf/view.

Käesoleva bibliograafia koostamisel ja jaotamisel alalõikudesse on jälgitud Eesti Teadusinfosüsteemis kasutatavat publikatsioonide klassifikaatorit, mis mõnevõrra hõlbustab selle kasutamist.

Publikatsioonid on esitatud nimekirjas autorite järgi tähestikulises järjekorras.

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6.3 Populaarteaduslikud artiklid / Science - popular papers

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