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## DARE DE SEAMĂ PE ANUL 2013

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51. **Aida Toma**, Amor Keziou, *Robustness of dual divergence estimators for moment condition models*, A 16 a Conferință a Societății de Probabilități și Statistică din România, ASE, București, 26 Aprilie 2013
52. **Aida Toma**, Samuela Leoni-Aubin, *Minimum pseudodistance estimators and applications to portfolio optimization*, The 15th Conference Applied Stochastic Models and Data Analysis – ASMDA 2013, Mataro, Barcelona, Spania (25-28 Iunie 2013)
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54. **Vernic, R**, *On the bivariate Sarmanov distribution with log-logistic marginals: an actuarial application*, A 16 a Conferință a Societății de Probabilități și Statistică din România, ASE, București, 26 Aprilie 2013.
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57. Vinicius Almendra, **Denis Enăchescu**, *Using Self-organizing Maps for fraud prediction at online auction sites*, 15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, **SYNASC 2013**, 23-26 Septembrie 2013, Timișoara, România
58. Vinicius Almendra, **Denis Enăchescu** , *Using unsupervised ART2 networks to build stable rare event classifiers*, A 16 a Conferință a Societății de Probabilități și Statistică din România, ASE, București, 26 Aprilie 2013
59. **Cornelia Enăchescu**, *Ranking conference proceedings for evaluating scientific performance. A Machine Learning Approach*, A 16 a Conferință a Societății de Probabilități și Statistică din România, ASE, București, 26 Aprilie 2013
60. **Bădin, L.**, *CONDEFF: A Toolbox for Conditional Efficiency Measurement*, Seminar invitat în cadrul MORE@DIAG, DIPARTIMENTO DI INGEGNERIA INFORMATICA, AUTOMATICA E GESTIONALE, Universitatea Sapienza din Roma, 4 Iulie, 2013, Roma, Italia.
61. Aldea, A., **Bădin, L.**, Lipară., C., *Assessing the Impact of Stock Volatility on the Efficiency of Listed Commercial Banks: A Conditional Nonparametric Approach*, 13th European Workshop on Efficiency and Productivity Analysis (EWEPA13’’), 17-20 Iunie 2013, Helsinki, Finlanda.
62. Aldea, A., **Bădin, L.**, Lipară., C., *Efficiency Analysis of Commercial Banks Using a Nonparametric, Unconditional Approach*, 26th European Conference on Operational Research, EURO XXVI, 1-4 Iulie, 2013, Roma, Italia.
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66. **V. Boșcaiu**, *On mean estimation using information on auxiliary variable*, A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România.
67. **Laurențiu Vasile**, *Some aspects of clinical trials*, A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România.
68. **V. Ionescu**, *Operator algebra models and positivity results for amalgamated conditionally monotone products of some operator-valued bimodule maps*, Joint International Meeting of The A.M. S. and The R.M.S., 27-30 iun. 2013, Alba Iulia
69. **A. Spătaru**, *Precise asymptotics in strong limit theorems*, A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România.
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72. **M. Sibiceanu**, *Sufficient conditions for the applicability of the rate function formula in the Large Deviation Principle for Markov processes*, A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România.
73. **U. Păun**, *Some properties of a waiting time random variable*, A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România.
74. **A.M. Răducan**, *Formule de recurență pentru probabilitatea de ruină în cazul discret*, A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România.

75. **V. Ionescu**, *Constructions and asymptotic theorems in a generalization of the operator-valued free probability theory*, A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România.
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11. **A. Dumitrache, F. Frunzulică, H. Dumitrescu, R. Bogateanu**, *Unsteady Flow and Its Influence to Aerodynamics and Aeroacoustics of VAWT*, 84 rd GAMM Annual Meeting 2013, acceptata spre publicare in PAMM 2013

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15. **M. Buiculescu**, *Quasi-stationary distributions: an application of Meyer's revival technique*. (va fi trimis la Revue Roumaine Math. Pures Appl.)
16. **A. Spătaru**, *Refinement of convergence rate for the strong law of large numbers in Banach space*. (cu Deli Li trimis la Stochastics: An International Journal Of Probability And Stochastic Processes)
17. **U. Păun**, *Waiting time random variables: upper bounds*. Acceptata la Markov Processes and Related Fields
18. **A. M. Răducan**, *Classes of  $p$ -conjugated, independent and discret random variables*
19. **A. M. Răducan**, *Compound sums. Examples and remarks*.
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21. **Gh. Zbăganu**, Radu Păltânea, *On Cesaro Continuity*
22. **Gh. Zbăganu, A.M. Răducan, R. Vernic**, *Ruin probability with non-i.i.d.exponential claims*
23. **Gh. Zbăganu**, *On a property of Lorenz Curve*
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25. **Rădulescu M., Rădulescu C.Z., Zbăganu Gh.**, *A portfolio theory approach to crop planning under environmental constraints*, Annals of Operations Research, online

## **Lista granturilor din străinătate**

- **Denis Enăchescu** (member in the Management Committee), Marius Popescu, **Cornelia Enăchescu** (member in the Management Committee), Ion Iancu, **Alexandru Agapie**, Liviu Ciortuz, *Cognitive Radio and Networking for Cooperative Coexistence of Heterogeneous Wireless Networks*, COST Action I0902, 2009-2013  
[http://w3.cost.esf.org/index.php?id=177&action\\_number=IC0902](http://w3.cost.esf.org/index.php?id=177&action_number=IC0902)
- **Denis Enăchescu** (member in the Management Committee), **Cornelia Enăchescu**, Marius Popescu, Lixăndroiu Dorin, **Alexandru Agapie**, Dalia Simona Miron, **Luiza Bădin**, Flavian Ștefan Rădulescu, *Knowledge Discovery from Moving Objects (MOVE)*, COST Action I0903 member in the Management Committee, 2009-2013  
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- **Gabriela Marinoschi**, Proiect PRIN 2009 - 2009RNH97Z\_001, *Interacting structures in population dynamics*, condus de Universitatea din Trento, Prof. M. Iannelli (2011-2013) finantata de MIUR-PRIN Italia, membru în proiect.
- **Miruna Beldiman**, Proiect Brancusi, *Optimisation et controle des problemes d'interaction fluide-structure*, 2011-2013, membru în proiect.

## **Lista proiectelor bilaterale cu institute din academii din străinătate**

- **Cornelia Enăchescu**, *New computational techniques for exploratory analysis and their biomedical applications; elaborate prognostic models on the basis of genetic data and censored survival time*, proiect bilateral între Institute of Biocybernetics and Biomedical Engineering, Polish Academy of Sciences, Warsaw și ISMMA, Academia Română, 2013-2015.

## **Lista granturilor în curs de derulare în acest an în țară (MEC)**

1. **Miruna Beldiman**, Contract PN-II-RU-PD-2011-3-0102 nr. 7/05.10.2011. Titlul: *Probleme de echilibru abstracte si aplicatii*. Director, 2011-2013
2. **Marius Rădulescu**, Contract PN-II-ID-PCE-2011-3-0908, Program IDEI\_Proiecte de Cercetare Exploratorie\_Competitie 2011, etapa 3, Titlul: *Portfolio selection models and applications*, Director , 2011-2013

3. **Horia Dumitrescu**, Contract PN 40 parteneriate, *Sistem hibrid de energie regenerabila bazat pe turbina eoliana cu ax vertical cu panouri fotovoltaice integrate si suspensie magnetica*, Coordonator proiect
4. **Stelian Ion**, Contract PN 50 parteneriate, ASPABIR, (valoare 2013: 50 000 lei)

## Brevete

1. O. Preotu, **A. Dumitache**, M.A. Lungu, *Carena aero-hidrodinamica cu rezistenta mica la inaintare si efect Coanda amplificat*, Oficiul de Stat pentru Inventii si Marci, Hot. 4185/30.08.2913.

## Manifestări științifice organizate de institut

1. A 21 Conferință de Matematică Aplicată și Industrială, CAIM 2013, București, 19-22 Septembrie 2013,
2. Conferinta “Caius Iacob” de Mecanica Fluidelor si Aplicatiile ei Tehnice, Bucuresti, 14-15, Noiembrie, 2013,
3. A 16-a Conferință a Societății de Probabilități și Statistică din România, 26 Aprilie 2013, ASE, București, România