

## Publicații

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1. Grid Computing - de la teorie la practica - Farcas Felix, Liviu Cristian Miclea, Ed. Casa Cartii de Stiinta 2013, ISBN: 978-606-17-0292-3
2. Noțiuni de sisteme de operare și rețele de calculatoare FC4 + W2K - Liviu Miclea, Honoriu Valean, Damian Mihai, Enyedi Szilard, Felix Fărcaș, Edition II, UT PRESS Cluj-Napoca 2005, ISBN: 973-662-155-3
3. Noțiuni de sisteme de operare și rețele de calculatoare RH8 + W2K - Liviu Miclea, Honoriu Valean, Damian Mihai, Enyedi Szilard, Felix Fărcaș, UT PRESS Cluj-Napoca 2004, ISBN: 973-662-155-3
4. Noțiuni de sisteme de operare și rețele de calculatoare - Liviu Miclea, Honoriu Valean, Damian Mihai, Enyedi Szilard, Felix Fărcaș, Ed Dacia Cluj-Napoca 2002, ISBN 973-35-1586-8

#### **I. Lucrări publicate în reviste cotate ISI:**

1. M.R.C. Trușcă, Ș. Albert, C. Tudoran, M.L. Soran, F. Fărcaș, M. Abrudean, Power Consumption Monitoring Using Additional Monitoring Device, AIP Conference Proceedings 2013, 1565, 185-187.
2. F.Fărcaș, R.Trușcă, Ș.Albert, Izabella Szabo and G.Popeneciu, Application of Green IT for Physics Data Processing at INCDTIM, Processes in Isotopes and Molecules - PIM 2011 – September 29 – 01 October, Cluj-Napoca, Romania, Series: AIP Conference Proceedings, Vol.1425,1-1(2012) DOI:10.1063/1.3681952, Subseries: Materials Physics and Applications, Lazar, Mihaela D. (Ed.)2012, AIP-Press pp. 69-72 (ISBN 978-0-7354-1005-3)

#### **II. Lucrări publicate în revistele cotate ISI și proceedings**

1. **Farcas Felix**, Trusca Radu, Nagy Jefe, Albert Stefan, Contribution of the RO-14-ITIM site to ATLAS Computing: recent upgrades, 2019 IEEE International Conference on Advanced Scientific Computing (ICASC), 12-14 September, Sinaia, Romania, DOI: 10.1109/ICASC48083.2019.8946280, **INSPEC Accession Number:** 19246839 (January 2020)
2. M R C Trușcă, J Nagy, S Albert, **F Fărcaș**, Improve cooling by airflow control inside Data Center - model and simulation, 2019 IEEE International Conference on Advanced Scientific Computing (ICASC), 12-14 September, Sinaia, Romania, DOI: 10.1109/ICASC48083.2019.8946280, **INSPECx Accession Number:** 19246839 (January 2020)

3. M R C Trușcă, J Nagy, S Albert, **F Fărcaș**, S Brad, Temperature variation inside Data Center by airflow control - 3D model and simulation, 12th International Conference – Processes in Isotopes and Molecules (PIM 2019), 25 – 27 September 2019, Cluj-Napoca, România
4. **Felix Farcas**, Radu Trusca, Jefe Nagy, Grid site development at RO-14-ITIM, 2018 Conference Grid, Cloud & High Performance Computing in Science (ROLCG 2018), Proceedings of a meeting held 17-19 October 2018, Cluj-Napoca, Romania, CFP18ROL-POD, ISBN:9781538670439, Pages 44 (1 Vol), Format Softcover, Institute of Electrical and Electronics Engineers ( IEEE ), Curran Associates, Inc. ( Jan 2019 )
5. **Felix Farcas**, Jefe Nagy, Radu Trusca, Stefan Albert, RO - 14 - ITIM, upgrades for a diskless site, Grid Cloud and High Performance Computing in Science, RO-LCG 2017, Sinaia, Romania, Book of abstract, 26-28 october 2017, ISBN 978-973-0-25620-8
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7. M.R.C. Trușcă, Ș. Albert, M.L. Soran, C. Varodi, **F. Farcas**, M.L. Unguresan, Application for some Parameters Monitoring in Installation for Isotopes Separation, *Proceeding of 2014 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2014)*, - *THETA 19th edition*, May 22-24, 2014, Cluj-Napoca, Romania
8. M.R.C. Trușcă, Ș. Albert, **F. Fărcaș**, M. L. Soran, M. Abrudean, Power consumption monitoring in ITIM Data center, *Proceeding - Romania Tier 2 Federation "Grid, Cloud & High Performance Computing Science"*, 25 – 27 oct. 2012, Cluj-Napoca, Romania, pp. 93-95 (ISBN 978-973-662-710-1)
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10. M.R.C. Trușcă, Ș. Albert, **F. Fărcaș**, M. L. Soran, M. Abrudean, Implementation of an Additional Monitoring Device to Prevent Failures of the Cooling Systems, *Proceeding*

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11. **Felix Farcas**, *Development of INCDTIM Datacenter using „green IT”, XXIII International Symposium on Nuclear Electronics & Computing, NEC 2011, Book of Abstract, plenary session*
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  16. **Fărcaș Felix**, Popenețiu Gabriel, *Toward a high performance grid site RO-14-ITIM and the contribution to WLCG*, International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering (CISSE 09), CISSE 2009 Proceedings, Volume 1, Technological Developments in Networking, Education and Automation (Elleithy, Sobh, Iskander, Karim, Mahmood), ISBN: 978-90-481-9111-6
  17. **Fărcaș Felix**, Szabo Izabella, Bulinschi Alexandra, Miclea Liviu, Bot Adrian, *Romanian Grid Database*, ProceedingsCSCS – 17, 17th International Conference on Control System and Computer Science, 26-29 may 2009, Copyright © 2009, Editura Politehnica Press, ISBN: 2066-4451, Vol 2, pp 461-465
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19. Gh. Adam, S.D. Belov, **F. Fărcaș**, C. Floare, V.V. Korenkov, V.V. Mitsyn, G. Popeneciu, R. Trusca, Infrastructure optimization for Deploying a MPI cluster dedicated to nano- and biomolecular processing, *The 4-rd International Conference "Distributed Computing and Grid-technologies in Science and Education"* June 30 - July 4, 2010 Dubna, Russia, pp 25-29, (ISBN 978-5-9530-0269-1)
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