

OMB:Moldova-QR14

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Quarterly Report Number	NGI Name	Partner Name	Author
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1. MEETINGS AND DISSEMINATION

Note: Complete the tables below by adding as many rows as needed.

1.1. CONFERENCES/WORKSHOPS ORGANISED

Date	Location	Title	Participants	Outcome (Short report & Indico URL)
<Date>	<Location>	<Title>	<Participants>	<Outcome>
<Date>	<Location>	<Title>	<Participants>	<Outcome>
<Date>	<Location>	<Title>	<Participants>	Test

1.2. OTHER CONFERENCES/WORKSHOPS ATTENDED

Date	Location	Title	Participants	Outcome (Short report & Indico URL)
20-23.08.13	Chisinau, IMI ASM	International Workshop on Intelligent Information Systems	Representatives from research institutions of the Academy of Sciences and universities of Moldova, R&D representatives from European countries	Inga Titchiev presented joint report: Inga Titchiev, Nicolai Iliuha, Mircea Petic. "Workflow Petri nets used in modeling of Parallel architectures" Elena Gutuleac presented joint report: Boris Rybakin, Grigore Secieru, Elena Gutuleac. "Numerical analysis of reaction of buried charge to explosive or seismic loading"
23-27.09.13	Erevan, Armenia	Conference: Computer Science and Information Technologies. CSIT	R&D representatives from European countries	Tree articles were published: "e-Infrastructures for Research and Education in Eastern Europe Partnership Countries" "Deployment of a Federated Cloud Infrastructure in the Black Sea Region" "Rising Skill of Young Researches of Moldova in Using High Performance Technologies"
26-28.09.13	Constanta, Romania	Network Architecture for the Development of Scientific Computing Infrastructure in Moldova	R&D representatives from European countries	Dr. Peter Bogatencov presented joint report: Dr. Peter Bogatencov, Dr. Grigore Secieru and Nicolai Iliuha. "Network Architecture for the Development of Scientific Computing Infrastructure in Moldova"

1.3. PUBLICATIONS

Publication title	Journal / Proceedings title	Journal references <i>Volume number</i> <i>Issue</i> <i>Pages from - to</i>	Authors <i>I.</i> <i>2.</i> <i>3.</i> <i>Et al?</i>
Utilization of the Computational Resources Provided by HP-SEE Project	International Workshop on Intelligent Information Systems. 20-23 August, Chisinau, IMI ASM, 2013	Proceedings IIS2013, pp. 60-64, ISBN 978-9975-4237-1-7	1. Peter Bogatencov 2. Boris Rybakin 3. Grigore Secrieru 4. Nicolai Iliuha
Numerical analysis of reaction of buried charge to explosive or seismic loading	International Workshop on Intelligent Information Systems. 20-23 August, Chisinau, IMI ASM, 2013	Proceedings IIS2013, pp. 148-151, ISBN 978-9975-4237-1-7	1. Boris Rybakin 2. Grigore Secrieru 3. Elena Gutuleac
Workflow Petri nets used in modeling of Parallel architectures	International Workshop on Intelligent Information Systems. 20-23 August, Chisinau, IMI ASM, 2013	Proceedings IIS2013, pp. 163-167, ISBN 978-9975-4237-1-7	1. Inga Titchiev 2. Nicolai Iliuha 3. Mircea Petic
Using Adaptive Mesh Refinement Strategy for Numerical Solving of Gas Dynamics Problems on Multicore Computers	High-Performance Computing Infrastructure for South East Europe's Research Communities. Results of the HP-SEE User Forum 2012	Modeling and Optimization in Science and Technologies, Volume 2 2014, Springer, 2013, pp. 123-130, ISBN: 978-3-319-01519-4 (Print) 978-3-319-01520-0 (Online)	1. Boris Rybakin 2. Peter Bogatencov 3. Grigore Secrieru 4. Nicolai Iliuha
e-Infrastructures for Research and Education in Eastern Europe Partnership Countries	Computer Science and Information Technologies. Proceedings of the CSIT Conference, September 23-27, 2013, Erevan, Armenia	pp.231-235. ISBN 978-5-8080-0797-0	1. Petru Bogatencov 2. Hrachya Astsatryan 3. Mikhail Dombrougov 4. Volodymyr Galagan 5. Vyacheslav Shkarupin 6. Evgenij Martynov 7. Ramaz Kvatadze 8. Alexander Tuzikov 9. Azer Aliyev
Rising Skill of Young Researches of Moldova in Using High Performance Technologies	Computer Science and Information Technologies. Proceedings of the CSIT Conference, September 23-27, 2013, Erevan, Armenia	pp.423-425. ISBN 978-5-8080-0797-0	1. Inga Titchiev 2. Nicolai Iliuha

Deployment of a Federated Cloud Infrastructure in the Black Sea Region	Computer Science and Information Technologies. Proceedings of the CSIT Conference, September 23-27, 2013, Erevan, Armenia	pp.283-285. ISBN 978-5-8080-0797-0	1.Hrachya Astatsryan 2.Andranik Hayrapetyan 3.Wahi Narsesian 4.Peter Bogatencov 5.Nicolai Iliuha 6.Ramaz Kvatadze 7.Nugzar Gaamtsemlidze 8.Vladimir Florian 9.Gabriel Neagu 10.Alexandru Stanciu
Network Architecture for the Development of Scientific Computing Infrastructure in Moldova	"Networking in Education and Research", Proceedings of the 12th RoEduNet IEEE International Conference, Constanta, Romania, 26-28 September, 2013	pp. 7-12. ISSN-L 2068-1038	1.Peter Bogatencov 2.Grigore Secieru 3.Nicolai Iliuha

2. ACTIVITY REPORT

2.1. Progress Summary

All grid services are monitored and the raised problems were fixed.

Regular maintenance of national Nagiose, TopBDII.

Hardware was prepared for connection of Grid Site in the State University of Moldova to the RENAM network. IP range was allocated for USM Grid Site.

MD-Grid CA packages had been updated. Was added support for SHA-2 according to eugridpma road map.

Updating of the national web-resource related to Grid and HPC activities – www.grid.md

Attendance in Grid operations meetings

2.2. Main Achievements

Work continues on the organization of Grid Site in the State University of Moldova

Stable work of MD-Grid Sites

2.3. Issues and mitigation

Issue Description	Mitigation Description
Issue description	Issue mitigation

Article Sources and Contributors

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