

INFORMATION FOR SCIENTIFIC-RESEARCH WORK OF

Doc. Dr. Aldeniz Rashdiov

(to May, 2010)

1. General information

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Burt day: 04.12.1972

Marital status: married

Nationality: Bulgarian

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Education:

- 1996 – MSc., Technical University of Gabrovo
- 2006 – PhD (area: Information systems)
- 2010 – Docent, (area: Databases in industrial systems)

Research areas:

- Databases;
- Database in industrial systems;
- Information systems. Web based information systems;
- Intelligent method at information systems;
- Industrial computer networks.

Lecturer:

In Bachelor degree:

Database in industrial systems
Industrial computer networks

In Magister degree:

Industrial information systems

Research publications count: 48

2. Publications in Bulgarian (referring) Journals - 4

- [1]. Rashidov, A., T. Nenov, Multi-tasking operating system for control of CNC machines // Journal of Automation and Informatics, №3, 1997, p. 51-55. ISSN 0861-7562.
- [2]. Rashidov, A., Fuzzy sets in the relational database // Journal of Automation and Informatics, 2008, №2, p.28-30. ISSN 0861-7562.
- [3]. Rashidov, A., Protection of a Web-database from illegal access // Journal of Automation and Informatics, 2008, №4. ISSN 0861-7562
- [4]. Rashidov, A., Protection of a Web-database from illegal access // Engineering Sciences, 2009 №1

3. Publications in foreign (referring) journals (outside Bulgaria) - 6

- [5]. Rashidov, A., T. Nenov, Network intelligent data acquisition and control device // Journal of the University of Applied Sciences Mittweida, 2001, №3, p.3-10. ISSN 1437-7624.
- [6]. Rashidov A., Nemigenchev I., Petrov D., Markova D. Virtual University Environment // Journal of the International Scientific-Practical Conference – Problems of engineering pedagogic education, theory and practice, 2007, № 17, p.120-126. ,KB № 4688 /21.11.00.
- [7]. Rashidov, A., Web-based system for automated control // Journal of the University of Applied Sciences Mittweida, 2008, №6, p.29-33. ISSN 1437-7624.
- [8]. Rashidov, A., WEB-BASED INFORMATION-CONTROLLING SYSTEM // Journal "Proc. of International Conference on Manufacturing Systems", 2008 , p.295-300. ISSN 1842-3183
- [9]. Rashidov, A., Universal Architecture of the connection on a web application with database in industrial systems // Journal of the University of Applied Sciences Mittweida, 2008, №6, p.25-28. ISSN 1437-7624.
- [10]. Rashidov, A., Application of a Web-database in manufacturing systems // Journal "Proc. of International Conference on Manufacturing Systems", 2008, p.301-304. ISSN 1842-3183.

4. Publications from conferences in Bulgaria - 19

- [11]. Rashidov, A., F. Rashidova, Automation And Methods For Optimization At Process Of Preparation Of The Program For Teaching, Proc. of the international scientific conference UNITECH '06, Gabrovo, 2006, p 1, p.474-478. ISBN 10:954-683-351-7.
- [12]. Rashidov, A., Automation of process on the publication in a Web, Proc. of the international scientific conference UNITECH '06, Gabrovo, 2006, p 1, pp.465-468. ISBN 10:954-683-351-7.
- [13]. Rashidov, A., Automation of process of processing on administrative tasks, Proc. of the international scientific conference UNITECH '06, Gabrovo, 2006, p 1, p.421-425. ISBN 10:954-683-351-7.
- [14]. Rashidov, A., Architecture OF the connection on a web application with distributed data-warehouse, Proc. of the international scientific conference UNITECH '06, Gabrovo, 2006, p 1, p.375-378. ISBN 10:954-683-351-7.
- [15]. Rashidov, A., A Method DCLF for design of a relational database, Proc. of the international scientific conference UNITECH '07, Gabrovo, 2007, p 1, p.499-504. ISSN 1313-230X.
- [16]. Rashidov, A., A conceptual level of design of a relational database at Method DCLF , Proc. of the international scientific conference UNITECH '07, Gabrovo, 2007, p.1, pp.505-508. ISSN 1313-230X.
- [17]. Rashidov, A., A logical level of design of a relational database at Method DCLF, Proc. of the international scientific conference UNITECH '07, Gabrovo, 2007, p.1, pp.509-511. ISSN 1313-230X.
- [18]. Rashidov, A., A physical level of design of a relational database at Method DCLF, Proc. of the international scientific conference UNITECH, Gabrovo, 2007, том 1, с.516-519. ISSN 1313-230X.

- [19]. Rashidov, A., Estimation of the degree of Intelligence of Database Management Systems, Proc. Of International Conference Automation and Informatics, Sofia, 2007, pp.VI 1-4. ISSN 1313-1850.
- [20]. Rashidov, A., S. Jordanov, A method of structuring, storing and processing data on the Internet, Proc. of International Conference Automation and Informatics, Sofia, 2007. pp.V 1-4. ISSN 1313-1850.
- [21]. Yordanov, S., S. Ivanov, Rashidov, A., Process Control In A System Of A Serial Connected Bioreactors, Proc. of the sixteenth International Scientific and applied science conference, Sozopol, 2007, vol. 3. pp.77-81. ISSN 1313-1842.
- [22]. Rashidov, A., Application of chaotic synchronization for data-secure transmission at Web-database, Proc. of International Conference Automation and Informatics '08, Sofia, 2008, p. 1. pp.X-21-24. ISSN 1313-1850.
- [23]. Rashidov, A., Web-based information system reporting educational employment of the university lecturers, Proc. of International Conference Automation and Informatics '08, Sofia, 2008, p. 1. pp.X-9-12. ISSN 1313-1850.
- [24]. Rashidov, A., Web-based data acquisition and control system, Proc. of the international scientific conference UNITECH '08, Gabrovo, 2008, vol.1, pp.I500-I505. ISSN 1313-230X.
- [25]. Rashidov, A., F. Rashidova, Information system for tracking and registration of scientific publications and projects, Proc. of the international scientific conference UNITECH '08, Gabrovo, 2008, vol.1, pp.I495-I499. ISSN 1313-230X.
- [26]. Rashidov, A., A declarative model of the relational database, Proc. of the international scientific conference of University Rouse, Rouse, 2008, т.47, s.3.2. ISSN 1311-3321.
- [27]. Jeleva, S., A. Rashidov, Information system for assessing and analyzing the quality of training, development and realization of students, Proceedings of the sixth scientific session, Sofia, 2008, pp.108-113.
- [28]. Rashidov, A., F. Rashidova, University virtual learning environment – UNIVEL, Proc. of the international scientific conference UNITECH'09, Gabrovo, 2009, vol.1, pp.I636-I641. ISSN 1313-230X
- [29]. Rashidov, A., Manufacturing execution system – BARCONT. Proc. of the international scientific conference UNITECH'09, Gabrovo, 2009, vol.1, pp.I631-I635. ISSN 1313-230X

5. Publications from conferences in Foreign (outside Bulgaria) - 9

- [30]. Rashidov, A., Estimation of the degree of Intelligence of Database Management Systems, CEEPUS WEB Summer School 2007– Information Systems in Automation, Maribor, Slovenia, 2007, in CD-ROM. ISBN 978-961-248-054-7/ COBISS.SI-ID 59395585.
- [31]. Rashidov, A., S. Jordanov, A method of structuring, storing and processing data on the Internet, CEEPUS WEB Summer School 2007– Information Systems in Automation, Maribor, Slovenia, 2007, in CD-ROM. ISBN 978-961-248-054-7/ COBISS.SI-ID 59395585.

- [32]. Yordanov, S., S. Ivanov , A. Rashidov, Process Control In A System Of A Serial Connected Bioreactors, CEEPUS WEB Summer School 2007– Information Systems in Automation, Maribor, Slovenia, 2007, in CD-ROM. ISBN 978-961-248-054-7/ COBISS.SI-ID 59395585.
- [33]. Rashidov, A., Web-database used in industrial systems, Proc. of Fourth International Bulgarian –Greek Scientific Conference, Kavala, Greece, 2008, v.II, pp.685-689. ISBN: 978-954-580-255-3.
- [34]. Rashidov, A., SQL extension for relational database management systems, Congress with International Participation HIPNEF, Vrnjacka Banja, Serbia, 2008, pp.501-506. ISBN 978-86-80587-87-5 (MF).
- [35]. Rashidov, A., University Management Information Environment, Congress with International Participation HIPNEF, Vrnjacka Banja, Serbia, 2008, pp.495-500. ISBN 978-86-80587-87-5 (MF).
- [36]. Rashidov, A., Declarative level of design of a relational database at method DCLF, 8th International Conference "Research and Development in Mechanical Industry", Uzice, Serbia, 2008, pp.777-781. ISBN 978-86-83803-24-3.
- [37]. Rashidov, A., Virtual Environment for Information Provision, Management and Development of the Main Activities in Universities, Proc. of Fourth International Bulgarian –Greek Scientific Conference, Kavala, Greece, 2008, v.II, pp.625-628. ISBN: 978-954-580-255-3.
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6. Books and monographs – 3

- [39]. Rashidov, A., Web based industrial information systems. Sofia, ИК Ekoprogres, 2005. -144p. (Book with monographic parts – In Bulgarian). ISBN 954-91293-8-1.
- [40]. Rashidov, A., Databases in the industrial systems. Gabrovo, V. Aprilov, 2007. -176p. (Book with monographic parts – In Bulgarian). ISBN 978-954-683-366-2.
- [41]. Rashidov, A., Database in industrial systems. Guide for laboratory exercises. Gabrovo, V. Aprilov, 2007. -96p. ISBN 978-954-683-369-3.

7. Doctoral thesis

- [42]. Rashidov, A., Intelligent methods for data-processing and search in information systems, Doctoral thesis, publisher: Vasil Aprilov, 2006

8. Publication used for obtaining the educational and scientific degree "doctor"

- [43]. Rashidov, A., Faculty Information System, Proc. of the International Conference Automatics and Informatics '02 – Sofia, Bulgaria, 2002, pp.57-60.
- [44]. Rashidov, A., Doctoral Students Information System, Proc. of the International Conference Automatics and Informatics '03 – Sofia, Bulgaria, 2003, pp.79-81.

- [45]. Rashidov, A., Intelligent methods for data-processing and search in information systems, Proc. of the International IEEE Conference – Intelligent systems '04, Vol.3, 2004, pp.129-134.
- [46]. Rashidov, A., T. Nenov. Intelligent methods for data search and processing, Proc. of the International Conference CEEPUS Summer School 2005–Intelligent Control Systems-2005, Brno, Czech Republic, 2005, pp.73-77.
- [47]. Rashidov, A., T. Nenov. Estimation of the degree of Intelligence of information systems, Journal of Automation and Informatics, 2006.
- [48]. Rashidov, A., Intelligent inquiry in information systems, Journal of the Technical University of Gabrovo, p. 33, 2006, pp. 54-61.

9. List of citations

<i>Cited publication</i>	<i>Publication, which is cited</i>
Rashidov, A., Databases in the industrial systems. Gabrovo, V. Aprilov, 2007. -176p. ISBN 978-954-683-366-2	Yordanov, S., S. Ivanov, INFORMATION SYSTEM FOR COLLECTING AND PROCESSING OF DATA FROM TEMPERATURE SENSOR, Congress with International Participation HIPNEF, 2008, Serbia.
Rashidov, A., A Method DCLF for design of a relational database, Proc. of the international scientific conference UNITECH '07, Gabrovo, 2007, p 1, p.499-504. ISSN 1313-230X	Yordanov, S., S. Ivanov, INFORMATION SYSTEM FOR COLLECTING AND PROCESSING OF DATA FROM TEMPERATURE SENSOR, Congress with International Participation HIPNEF, 2008, Vrnjacka Banja, Serbia.
Rashidov, A., Automation of process of processing on administrative tasks, Proc. of the international scientific conference UNITECH '06, Gabrovo, 2006, t.1, pp.421-425.ISBN 10:954-683-351-7.	Angelov, A., D. Zhelezarova, G. Rashev, I. Balashev, Mechanisms of Fracture and Cracking Resistance Criteria about Reducer Shaft and Laboratory Specimens, 1st International Conference "Science and Higher Education in Function of Sustainable Development" SED 2008, plenary paper, 2008, Uzice, Serbia.
Rashidov, A., Databases in the industrial systems. Gabrovo, V. Aprilov, 2007. -176p. ISBN 978-954-683-366-2	Chantov, D., Protected data transfer with combined masking of the hyper chaotic random signals, Proc. Of International Conference Automation and Informatics '08, Sofia, 2008, t.1. pp.X-17-20.
Рашидов, А., Architecture of the connection on a web application with distributed data-warehouse, , Proc. of the international scientific conference UNITECH '06, Gabrovo, 2006, t.1, pp.375-378. ISBN 10:954-683-351-7.	Chantov, D., Protected data transfer with combined masking of the hyper chaotic random signals, Proc. Of International Conference Automation and Informatics '08, Sofia, 2008, t.1. pp.X-17-20.