

# Manuk Garnush Manukyan

## Information Technologies Educational and Research Center

Տեղեկատվական համակարգերի ամբիոն  
Associate professor

 [mgm@ysu.am](mailto:mgm@ysu.am)



### Education

Institution	M. V. Lomonosov Moscow State University
Faculty	Faculty of Computational Mathematics and Cybernetics
Date	1984 - 1987
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Applied Mathematics
Date	1971 - 1976
Degree name	Qualified specialist

### Scientific Rank/degree

Institution	Yerevan State University
Date	2006
Degree name	Associate professor
Specialty	Physico-mathematical sciences

Institution	M. V. Lomonosov Moscow state University
Date	1991
Degree name	Candidate
Specialty	Physico-mathematical sciences
Scientific Supervisor	Leonid Andreevich Kalinichenko
Research Topic	Temporal Data Model

### Language skills

Հայերեն Русский English

### Work experience

Institution	Yerevan State University, Information Technologies Educational & Research Center, Chair of Information Systems
Period of time	2007 till now

<b>Rank/degree</b>	Associate Professor
<b>Institution</b>	Russian-Armenian (Slavonic) University, Faculty of Applied Mathematics and Informatics, Chair of System Programming
<b>Period of time</b>	2004 - 2023
<b>Rank/degree</b>	Visiting Professor
<b>Institution</b>	Yerevan State University, Department of Informatics and Applied Mathematics, Chair of Algorithmic Languages
<b>Period of time</b>	1993 - 2007
<b>Rank/degree</b>	Associate Professor
<b>Institution</b>	Yerevan State University, Department of Informatics and Applied Mathematics, Chair of Algorithmic Languages
<b>Period of time</b>	1988 - 1993
<b>Rank/degree</b>	Assistant Professor
<b>Institution</b>	M. V. Moscow State University, Moscow, USSR
<b>Period of time</b>	1982 - 1984
<b>Rank/degree</b>	Fellowship
<b>Institution</b>	Yerevan State University, Faculty of Applied Mathematics
<b>Period of time</b>	1976 - 1982
<b>Rank/degree</b>	Programmer



## Scientific interests

- The Theory of Relational Databases
- Database Systems
- Conceptual Data Models
- Temporal Data Models
- Data Integration
- Big Data
- Data Science
- Programming Languages



## Participation in international conferences and seminars

<b>29/09/2007 - 03/10/2007</b>	Eleventh East-European Conference on Advances in Databases and Information Systems Bulgaria
--------------------------------	--

<b>24/10/2023 - 27/10/2023</b>	XXV International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the)
<b>05/09/2022 - 08/09/2022</b>	26th European Conference on Advances Databases and Information systems Italy
<b>26/11/2021 - 29/11/2021</b>	XXIII International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the)
<b>13/11/2020 - 16/11/2020</b>	XXII International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the)
<b>15/11/2019 - 18/11/2019</b>	XXI International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the)
<b>09/11/2018 - 12/11/2018</b>	XX International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the)
<b>10/11/2017 - 13/11/2017</b>	XIX International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the)
<b>28/08/2016 - 31/08/2016</b>	20th East-European Conference on Advances in Databases and Information Systems Czech Republic (the)
<b>02/12/2014 - 04/12/2014</b>	16th International Conference on Information Integration and Web - based Applications & Services Viet Nam
<b>11/11/2012 - 15/11/2012</b>	First Workshop on Programming the Semantic Web, in conjunction with the 11th International Semantic Web Conference United States of America (the)
<b>07/09/2009 - 10/09/2009</b>	13th East European Conference on Advances in Databases and Information Systems Latvia
<b>05/09/2008 - 09/09/2008</b>	12th East European Conference on Advances in Databases and Information Systems Finland
<b>07/09/2001 - 10/09/2001</b>	5th East-European Conference on Advances in Databases and Information Systems Lithuania

**02/09/1997 -  
05/09/1997**

First East-European Conference on Advances in Databases and Information Systems  
Russian Federation (the)

## Membership

<b>Institution</b>	A member of Program Committee of the European Conference on Advances in Databases and Information Systems
--------------------	---

<b>Period of time</b>	2020 - 2020
-----------------------	-------------

<b>Institution</b>	A member of Program Committee of the European Conference on Advances in Databases and Information Systems
--------------------	---

<b>Period of time</b>	2019 - 2019
-----------------------	-------------

<b>Institution</b>	A member of Program Committee of the European Conference on Advances in Databases and Information Systems
--------------------	---

<b>Period of time</b>	2018 - 2018
-----------------------	-------------

<b>Institution</b>	A member of Program Committee of the European Conference on Advances in Databases and Information Systems
--------------------	---

<b>Period of time</b>	2016 - 2016
-----------------------	-------------

<b>Institution</b>	A member of Program Committee of the European Conference on Advances in Databases and Information Systems
--------------------	---

<b>Period of time</b>	2014 - 2014
-----------------------	-------------

<b>Institution</b>	A Member of Steering Committee of the European Conference on Advances in Databases and Information Systems
--------------------	--

<b>Period of time</b>	2006 - 2024
-----------------------	-------------

<b>Institution</b>	A Member of Council of Faculty of Informatics and Applied Mathematics of YSU
--------------------	--

<b>Period of time</b>	2000 - 2007
-----------------------	-------------

<b>Institution</b>	Council Secretary of Faculty of Informatics and Applied Mathematics of YSU
--------------------	--

<b>Period of time</b>	2002 - 2007
-----------------------	-------------

<b>Institution</b>	A Member of Council of Information Technologies Educational and Research Center of YSU
--------------------	--

<b>Period of time</b>	2010 - 2023
-----------------------	-------------

## State awards and honorary titles

2019 Yerevan State University Gold Medal

*Article*

**On an Extensible Conceptual Data Model by a Non-Formal Example**

Manuk G. Manukyan

Communications in Computer and Information Science: New Trends in Databases and Information Systems  
2022 3 - 13

---

*Article*

**On a Conceptual Data Model with Orientation to Data Integration**

Manuk G. Manukyan

CEUR Workshop Proceedings 2021 39 -53

---

*Article*

**An Ontology Approach to Data Integration**

Manuk Manukyan

CEUR Workshop Proceedings 2020 33-47

---

*Article*

**Ontology-based Data Integration**

Manuk Manukyan

CEUR Workshop Proceedings 2019 117-128

---

*Article*

**A DYNAMIC INDEXING SCHEME FOR MULTIDIMENSIONAL DATA**

Manuk G. Manukyan, Grigor R. Gevorgyan

Modern Information Technologies and IT-Education 2018 111-125

---

*Article*

**On an Ontological Modeling Language by a Non-Formal Example**

Manuk G. Manukyan

CEUR Workshop Proceedings 2018 41-48

---

*Article*

**On an Approach to Data Integration: Concept, Formal Foundations and Data Model**

Manuk G. Manukyan

CEUR Workshop Proceedings 2017 206-213

---

*Article*

**Canonical Data Model for Data Warehouse**

Manuk Manukyan, Grigor Gevorgyan

Communications in Computer and Information Science: New Trends in Databases and Information Systems  
2016 72-79

<http://www.springer.com/series/7899>

---

*Article*

**Effective Algorithms to Support Grid Files**

G. Gevorgyan, M. Manukyan

*Conference*

**An Ontology Approach to Data Integration (Extended Abstract)..**

Manuk Manukyan

---