

Manuk Garnush Manukyan

✉ mgm@ysu.am



Information Technologies Educational and Research Center

Chair of Information Systems

Associate professor

Education

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

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

Scientific Rank/degree

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

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| 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

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

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

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| 29/09/2007 - 03/10/2007 | Eleventh East-European Conference on Advances in Databases and Information Systems Bulgaria |
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| 24/10/2023 - 27/10/2023 | XXV International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the) |
| 05/09/2022 - 08/09/2022 | 26th European Conference on Advances Databases and Information systems Italy |
| 26/11/2021 - 29/11/2021 | XXIII International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the) |
| 13/11/2020 - 16/11/2020 | XXII International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the) |
| 15/11/2019 - 18/11/2019 | XXI International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the) |
| 09/11/2018 - 12/11/2018 | XX International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the) |
| 10/11/2017 - 13/11/2017 | XIX International Conference on Data Analytics and Management in Data Intensive Domains Russian Federation (the) |
| 28/08/2016 - 31/08/2016 | 20th East-European Conference on Advances in Databases and Information Systems Czech Republic (the) |
| 02/12/2014 - 04/12/2014 | 16th International Conference on Information Integration and Web - based Applications & Services Viet Nam |
| 11/11/2012 - 15/11/2012 | First Workshop on Programming the Semantic Web, in conjunction with the 11th International Semantic Web Conference United States of America (the) |
| 07/09/2009 - 10/09/2009 | 13th East European Conference on Advances in Databases and Information Systems Latvia |
| 05/09/2008 - 09/09/2008 | 12th East European Conference on Advances in Databases and Information Systems Finland |
| 07/09/2001 - 10/09/2001 | 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

Institution A member of Program Committee of the European Conference on Advances in Databases and Information Systems

Period of time 2020 - 2020

Institution A member of Program Committee of the European Conference on Advances in Databases and Information Systems

Period of time 2019 - 2019

Institution A member of Program Committee of the European Conference on Advances in Databases and Information Systems

Period of time 2018 - 2018

Institution A member of Program Committee of the European Conference on Advances in Databases and Information Systems

Period of time 2016 - 2016

Institution A member of Program Committee of the European Conference on Advances in Databases and Information Systems

Period of time 2014 - 2014

Institution A Member of Steering Committee of the European Conference on Advances in Databases and Information Systems

Period of time 2006 - 2024

Institution A Member of Council of Faculty of Informatics and Applied Mathematics of YSU

Period of time 2000 - 2007

Institution Council Secretary of Faculty of Informatics and Applied Mathematics of YSU

Period of time 2002 - 2007

Institution A Member of Council of Information Technologies Educational and Research Center of YSU

Period of time 2010 - 2023

State awards and honorary titles

2019 Yerevan State University Gold Medal

Article

Conceptual Data Model : Concepts, Formal Bases, and Implementation Issues

Manuk G. Manukyan

Communications in Computer and Information Science. 2024 51-64

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

Article

Effective Algorithms to Support Grid Files

G. Gevorgyan, M. Manukyan

Вестник Российско-Армянского Университета: Физико-математические и естественные науки 2015

22-38

<http://science.rau.am/rus/50/701>

Conference

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

Manuk Manukyan
