



## Dr. Molnár Bálint

Egyetemi docens / Associate Professor  
Actual classification: Associate professor

## Qualifications, scientific degrees

### Higher education qualifications

- 1976 - 1981  
University of Loránd Eötvös, Mathematician (B)

### Scientific degrees and awards

- 1997, PhD  
University of Technology in Budapest
- 2014, Dr.Habil  
Eötvös Loránd University in Budapest

## Career

### Workplaces

- 1981 - 1992  
Central Research Institute for Physics, Senior Researcher
- 1992 - 2019  
Information technology Foundation of Hungarian Academy of Sciences, Senior Consultant
- 1992 - 1998  
University of Economic Sciences, Assistant Professor
- 1998 -  
Corvinus University in Budapest, Associate Professor
- 2009 -  
Faculty of Informatics , Eötvös Loránd University in Budapest, Associate professor, Dr. habil.

### Important study tours, delegacies

- 1993, 3 months  
University of Wolverhampton
- 1995, 1 month  
University of Wolverhampton

### Awards, titles, honors

# Colleague CV: Dr. Molnár Bálint

- 1994, Kalmár László Award, John von Neumann Association for Computer Science  
John von Neumann Association for Computer Science

## Language skills

Language	Speaking	Writing	Reading	Media appearance
English	Advanced	Advanced	Advanced	Yes
German	Intermediate	Intermediate	Intermediate	

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## Research, professional activity

### Major taught courses or fields of education:

Analysis, design, and modeling of Information Systems by object-oriented and structured methods; Artificial Intelligence, expert systems, ontologie; Information Systems for e-government; Cotnrolling and Auditing Information Systems;

### Field of science and discipline:

informatics

### Current fields of research:

Formal, mathematical-based models for designing, modeling and validating information systems; Application of data science methods to solve data, function and process integration issues of enterprise management and health information systems. Enterprise, organizational, business, information systems architecture and application of formal models.

### Previous fields of research:

Knowledge-based systems design methods, methodology; Information System Analysis, Organizational and Design Methodologies - Structured and Object Oriented Approaches; Database design methodologies;

### Major research projects

- 1994 - 1996, Development of an Analysis and Design system for the CommonKADS methodology  
Form of participation: member of the research team  
Moneylender: European Union  
Further info about research: PEKADS - projekt, COPERNICUS program CP 93: 7599
- 1984 - 1989, Development of a Framework Systems for Knowledge Bases Systems  
Form of participation: member of the research team  
Moneylender: Central Research Institute for Physics  
Further info about research:
- 1988 - 1992,

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Form of participation: member of the research team

Moneylender: Information technology Foundation of Hungarian Academy of Sciences

Further info about research:

- 1981 - 1984, Development of the compiler for Ada programming language

Form of participation: member of the research team

Moneylender: Central Research Institute for Physics

Further info about research:

- 1999 - 2001, Advisor : Recommender system for issues of Cafeteria

Form of participation: member of the research team

Moneylender: Corvinus University in Budapest

Further info about research:

- 2010 - 2013, The trends of the Enterprise Resource Systems and the selection criteria for introducing into companies

Form of participation: member of the research team

Moneylender: Faculty of Informatics , Eötvös Loránd University in Budapest

Further info about research:

- 2012 - 2014, Investigation of properties of the social networks

Form of participation: member of the research team

Moneylender: Faculty of Informatics , Eötvös Loránd University in Budapest, TÁMOP programme

Further info about research:

- 2009 - ,

Form of participation: leader of the research team

Moneylender: Faculty of Informatics , Eötvös Loránd University in Budapest, TÁMOP programme

Further info about research:

- 2017 - , Architecture of Information Systems

Form of participation: leader of the research team

Moneylender: Faculty of Informatics , Eötvös Loránd University in Budapest, EFOP programme

Further info about research:

- 2019 - , ED\_18-1-2019-0030 (Application-specific highly reliable IT solutions) has been implemented with the support provided from the National Research, Development and Innovation Fund of Hungary, financed under the Thematic Excellence Programme funding scheme.

Form of participation: member of the research team

Moneylender: National Research, Development and Innovation Fund of Hungary,

Further info about research:

### Membership in scientific or professional bodies/organizations

- 1981 - , ,  
Member, national
- 1984 - , , member  
Neumann Janos Computer Science Association, national
- 1994 - 2014, , member  
Neumann Janos Computer Science Association, national
- 1999 - 2011, , member  
Member of the Board of the Hungarian Chapter, international
- 2000 - 2014, Member of ISACA Academic Relations Committee, member

# Colleague CV: Dr. Molnár Bálint

- ISACA (Information Systems Audit and Control Association, international
- 2012 - , Academic Advocate, member
- SACA (Information Systems Audit and Control Association, international
- 2017 - , Treasurer of Hungarian Chapter, leadership position (president, director etc)
- Association for Computing Machinery, international

## Board memberships and positions

- 2002 - , , president or member of the editorial board  
Foreign language
  - 2001 - , Reviewer, other position (e.g. member of the advisory board)  
Foreign language
  - 2006 - 2010, ,
  - 2012 - , , president or member of the editorial board  
Foreign language
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## Expert consultancy activities

- 1997 - 2000
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- 2000 - 2002
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- 2003 - 2004
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- 2004 - 2005
- ,
- 2005 - 2008
- ,
- 2013 - 2014
- ,

## Publications

- [Publications can be found at Magyar Tudományos Művek Tára \(MTMT\). \(MTMT is the official repository of the university.\)](#)

## Contacts

E-mail address: [balint.molnar@uni-corvinus.hu](mailto:balint.molnar@uni-corvinus.hu)

Personal

webpage: [http://informatika.uni-](http://informatika.uni-corvinus.hu/root/web/web.nsf/do?open&lang=hu&tpage=oktatokMolnarBalint)

[corvinus.hu/root/web/web.nsf/do?open&lang=hu&tpage=oktatokMolnarBalint](http://informatika.uni-corvinus.hu/root/web/web.nsf/do?open&lang=hu&tpage=oktatokMolnarBalint)

Additional contact details: Skype: molnarba

## Other professional profiles

MTMT: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10012476>

Scholar: [https://scholar.google.com/citations?hl=en&user=FK\\_GsFoAAAAJ](https://scholar.google.com/citations?hl=en&user=FK_GsFoAAAAJ)

Other professional profile 1: <http://irtsz.elte.hu/index.php/en/balint-molnar-bio/>

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