

Assoc. Prof. Dr. Gabor Kiss
Óbuda University, Budapest, Hungary

General information

Name: Gábor Kiss PhD.

Born: 28. feb. 1970, Budapest, Hungary

Affiliation: Óbuda University, Budapest,

Hungary

Institute of Mechanical Engineering and Safety Sciences

Fields of Research

- Research
 - Comparison of the Hungarian and International Computer Science Education
 - Using smart-devices in healthcare
 - Information security awareness of students
 - Security issues in the World of the Autonomous Vehicles

Honours and Memberships

- **Membership**
 - Hungarian Academy of Sciences Section of Mathematics Committee on Information Science – Hungary (2013-)
 - German Informatics Society (Gesellschaft für Informatik e.V. (GI) - Germany) (2003-)
 - John von Neumann Computer Society (NJSZT) – Hungary (2006-)
 - International Association for Cyber Science and Engineering (IACSE) (2013-)
 - Technical Committee on Computational Cybernetics within System, Man and Cybernetics Society (2014-)
 - Hungarian Pedagogical Society (2015-)
 - European Educational Research Association (2016-)
- **Editorial board member**
 - International Journal of Teaching, Learning and Educational Research, ISSN: 1694-2116 (2013-)
 - International Journal on Integrating Technology in Education (IJITE), ISSN: 2320-3935 (2016-)

- International Journal of Computing and Related Technologies (IJCRT), ISSN: 2518-4806 (2018-)
- Indonesian Journal of Learning and Instruction (IJLI), p-ISSN 2614-8250, e-ISSN 2614-5677 (2018-)
- Livelong Education (LE), p-ISSN: 2251-2683 (2018-)
- **External Expert**
 - Bureau of Education, Hungary (2012-)
- **Program Committee Member:**
 - ITHET 2011 (10th IEEE International Conference on Information Technology Based Higher Education and Training), 2011, Kusadasi, Turkey
 - PhoneCom 2012 (2nd International Workshop on Sensing, Networking, and Computing with Smartphones), 2012, Macau, China
 - ITHET 2012 (11th IEEE International Conference on Information Technology Based Higher Education and Training), 2012, Istanbul, Turkey
 - ITME 2012 (IEEE 4th International Symposium on IT in Medicine and Education), 2012, Hokkaido, Japan
 - 2013 International Conference on Information, Business and Education Technology (ICIBET 2013), 2013, Beijing, China
 - ITME 2013 (IEEE 5th International Symposium on IT in Medicine and Education), 2013, Xining, China
 - 2013 International Conference on Advanced ICT (Information and Communication Technology) for Education (ICAICTE2013), 2013, Hainan, China
 - ITHET 2013 (12th IEEE International Conference on Information Technology Based Higher Education and Training), 2013, Antalya, Turkey
 - ERSE-2013 (2013 International Conference on Educational Research and Sports Education), 2013, Beijing, China
 - CyberSE 2013 (2013 International Conference on Cyber Science and Engineering)
 - 2014 International Conference on Information, Business and Education Technology (ICIBET 2014), 2014, Beijing, China
 - 2014 International Conference on Advanced ICT (Information and Communication Technology) for Education (ICAICTE2014), 2014, Dalian, China
 - ITME 2014 (IEEE 6th International Symposium on IT in Medicine and Education), 2014, Jeju, Korea
 - ITHET 2014 (13th IEEE International Conference on Information Technology Based Higher Education and Training), 2014, York, England
 - ITHET 2015 (14th IEEE International Conference on Information Technology Based Higher Education and Training), 2015, Lisbon, Portugal
 - ITME 2015 (IEEE 7th International Conference on IT in Medicine and Education), 2015, Huangshan, China
 - ICISCE 2015 (2nd International Conference on Information Science and Control Engineering), April 24-26, 2015, Shanghai, China.
 - IntelliSys 2015 (SAI Intelligent Systems Conference), 2015, London, England
 - 9th IEEE International Conference on Open Source Systems and Technologies"

- (ICOSST-2015), 2015, Lahore, Pakistan.
- 3rd International Conference on Economy and Society (EAS 2016), 2016, Yichang, China.
 - 2016 IEEE International Conference on Systems, Man, and Cybernetics, Budapest, Hungary
 - 7th International Conference on Intercultural Education (EDUHEM 2016), 2016, Almeria, Spain
 - BAI2016 (2016 International Conference on Business and Information), July 3-5, 2016, Nagoya, Japan
 - ICISCE 2016 (3rd IEEE International Conference on Information Science and Control Engineering), July 8-10, 2016, Peking, China.
 - ITHET 2016 (15th IEEE International Conference on Information Technology Based Higher Education and Training), 2016, Istanbul, Turkey
 - IntelliSys 2016 (SAI Intelligent Systems Conference), 2016, London, England
 - The Second International Symposium on Dependability in Sensor, Cloud, and Big Data Systems and Applications (DependSys2016), 2016, Zhangjiajie, China
 - The 9th International Conference on Security, Privacy and Anonymity in Computation, Communication and Storage (SpaCCS2016), 2016, Zhangjiajie, China
 - ITME 2016 (IEEE 8th International Conference on IT in Medicine and Education), 2016, Fuzhou, China
 - The 4rd International Conference on Modern Education (ICOME 2016), December 2-4, 2016 in Sanya, China.
 - Future Technologies Conference (FTC 2016), 6-7 December 2016, San Francisco, United States
 - IEEE World Engineering Education Conference (EDUNINE 2017), Sao Paulo, Brazil, March 19-22, 2017
 - BAI2017 (2017 International Conference on Business and Information), July 4-6, 2017, Hiroshima, Japan
 - ICISCE 2017 (4rd IEEE International Conference on Information Science and Control Engineering), July 21-23, 2017, Changsha, China.
 - 2017 IEEE International Conference on Systems, Man, and Cybernetics, October 5-8, 2017, Banff Center, Banff, Canada
 - 11th IEEE ICOSST-2017: 11th IEEE International Conference on Open Source Systems & Technologies, Lahore, Pakistan, December 18-20, 2017
 - IEEE World Engineering Education Conference (EDUNINE 2018), Buenos Aires, Argentina, March 11-14, 2018
 - 14th International Conference Mobile Learning, Lisbon, Portugal, 14-16 April 2018.
 - 6th International Conference of Advanced Computer Science & Information Technology (ACSIT 2018), May 26-27, 2018, Dubai, UAE
 - ITHET 2018 (17th IEEE International Conference on Information Technology Based Higher Education and Training), Algavere, Portugal, 26-28 April 2018
 - 4th International Conference on Higher Education Advances (HEAd'18), Valencia, Spain June 20-22, 2018

- BAI 2018 (2018 International Conference on Business and Information), July 6-8, 2018, Seoul, Korea
 - ICISCE 2018 (5th IEEE International Conference on Information Science and Control Engineering), July 20-22, 2018, Henan, China.
 - 8th International Workshop on Soft Computing and Applications (SOFA 2018), September 13-15, 2018, Arad, Romania
 - 4th IEEE 2018 SmartWorld Congress (SmartWorld 2018), Oct 8-12, 2018, Guangzhou, China,
 - IEEE International Conference on Systems, Man, and Cybernetics, Oct 7-10, 2018, Miyazaki, Japan
 - ITME 2018 (IEEE 9th International Conference on IT in Medicine and Education), Oct 19-21, 2018, Hangzhou, China
 - The 4th International Symposium on Dependability in Sensor, Cloud, and Big Data Systems and Applications (DependSys 2018), Melbourne, Australia, December 11-13, 2018
 - 12th IEEE ICOSST-2018: 11th IEEE International Conference on Open Source Systems & Technologies, Lahore, Pakistan, December 19-21, 2018
 - 2019 International Conference on Information Management and Processing (ICIMP 2019), Januar 10-12. 2019. Laxenburg, Austria
 - IEEE World Engineering Education Conference (EDUNINE 2019), Lima, Peru, March 17-20, 2019
 - 15th International Conference Mobile Learning, Utrecht, Netherlands, 11-13 April 2019.
 - 7th International Conference of Security, Privacy and Trust Management (SPTM 2019), June 22-23, 2019, Dubai, UAE (<https://csit2019.org/sptm/index.html>)
 - 5th International Conference on Higher Education Advances (HEAd'19), Valencia, Spain June 26-28, 2019
 - BAI 2019 (2019 International Conference on Business and Information), July 4-7, 2019, Tokyo, Japan
 - 5th IEEE 2019 SmartWorld Congress (SmartWorld 2019), August 19-23, 2019, Leicester, UK
 - Transdisciplinary AI (TransAI 2019), September 25-27, 2019, Laguna Hills, California, USA (<https://www.transai.org>)
 - 2019 IEEE International Conference on Systems, Man, and Cybernetics (SMC2019), October 6-9, 2019, Bari, Italy
- **Advisory Committee Member:**
 - First International Conference on Innovations in Infrastructure (ICIIF), 18-19, May, 2018, Ahmedabad, India,

- **Session Chair:**

- IET-C 2011 (International Educational Technology Conference), 2011, Istanbul, Turkey
- iThings 2011 (IEEE International Conferences on Internet of *Things* and Cyber, Physical and Social Computing), 2011, Dalian, China
- ITHET 2012 (11th IEEE International Conference on Information Technology Based Higher Education and Training), 2012 Istanbul, Turkey
- IET-C 2013 (International Educational Technology Conference), Kuala Lumpur, Malaysia
- ITHET 2013 (12th IEEE International Conference on Information Technology Based Higher Education and Training), 2013 Antalya, Turkey
- ERPA International Educational Science Congress, 2014, Istanbul, Turkey
- 5th International Conference of New Horizons in Education, 2014, Paris, France
- ITHET 2014 (13th IEEE International Conference on Information Technology Based Higher Education and Training), 2014, York, England
- Educational Researches and Publications Associations (ERPA) International Congress 2015, Athens, Greece
- 6th International Conference of New Horizons in Education, 2015, Barcelona, Spain
- IntelliSys 2015 (SAI Intelligent Systems Conference), 2015, London, England
- 3rd International Conference on Economy and Society (EAS 2016), 2016, Yichang, China.
- ITHET 2016 (15th IEEE International Conference on Information Technology Based Higher Education and Training), 2016, Istanbul, Turkey
- IntelliSys 2016 (SAI Intelligent Systems Conference), 2016, London, England
- 1st International Conference on Computing and Related Technologies, December 28-29. 2017. Karachi, Pakistan
- ITME 2018 (IEEE 9th International Conference on IT in Medicine and Education), Oct 19-21, 2018, Hangzhou, China
- 2019 International Conference on Information Management and Processing (ICIMP 2019), Januar 10-12. 2018. Laxenburg, Austria
- 13th annual International Technology, Education and Development Conference (INTED 2019), March 11-13, Valencia, Spain

Leadership practice and social responsibility:

Head of the Self-government of German Nationality (17th district in Budapest, 2014-2017)

<http://datenbank.ldu.hu/index.php/de/deutsche-nationalitatenselbsverwaltungen-daten/list/2?resetfilters=0&clearordering=0&clearfilters=0>

Education and Qualifications

2013, PhD degree in Mathematics and Computer Science

University Debrecen, Debrecen, Hungary

1996, Teacher of Computer Science

University Debrecen, Debrecen, Hungary

1992, Ing. of Computer Science

Bánki Donát Technical College, Budapest, Hungary

1988, Final Exam

Leővey Klára gimnasium, Budapest, Hungary

- English B2 (2008-)
- German B2 (2001-)

Professional experience

- Teaching experience
 - Computer Science I. (1992-)
 - Computer Science II. (1992-)
 - Computer Science III. (Foxpro-Visual Foxpro) (1992-2009)
 - Database systems (1996-2003)
 - Programming I. (Pascal) (1996-2000)
 - Programming II. (Delphi) (1996-2000)
 - E-Business (2004-2017)
 - Data Concealment and Data Encryption (2008-2014)
 - Web programming (PHP) (2007-2011)
 - Web-based Database systems (MySQL) (2010-2012)
 - Computer Networks (2010-)
 - Computer Architecture (2011-2014)
 - Database systems (2012-)
 - Programming I. (PHP) (2012-)
 - Programming II. (JAVA) (2013-)
 - Operating Systems (2013-2016)
 - Datamining (2013-)
 - Internet-technics (2013-2014)
 - Decision Support Systems (2014-)
 - Business IT applications (2014-)
 - Information security (2014-)
 - Didactics of Computer Science (2015-)
 - Data and web security (2015-2016)
 - Information security (2016-)

2015- associate professor

Óbuda University, Budapest, Hungary

2014- senior lecturer

University Jane Selye, Komarno, Slovakia

2014- mentor

FernUniversität in Hagen, Hagen, Germany

2010-2015 senior lecturer

Óbuda University, Budapest, Hungary

2003-2012 senior lecturer

Óbuda University (former Budapest Tech), Budapest, Hungary

2001- senior lecturer

Milton Friedman University (King Sigismund University), Budapest, Hungary

1996-2003 assistant lecturer

Óbuda University (former Bánki Donát Technical College), Hungary

1992-1996 institute engineer

Óbuda University (former Bánki Donát Technical College), Hungary

1989-1992 operator

Óbuda University (former Bánki Donát Technical College), Hungary

Software development as a Founder of Druida LP (1997-)

- company liquidation recording program for many companies
- billing program for many companies
- different registry programs for Prangl Hungaria Ltd.
- service record program for Diatron Ltd. and Olympus Hungary Ltd.
- web based error reporting and working time recording program for Olympus Hungary Ltd.
- transport and working time recording program for Moltrans Ltd.

Teaching experience in the Higher Education

27 years

Research work

Research/teaching experience in Germany

University: Freie Universität Berlin
Supervisor: Prof. Dr. Klaus-Dieter
Graf
Topic: Computer Science Education in
Germany Date: 2003 Wintersemester

University: Universität Paderborn
Supervisor: Prof. Dr. Johannes
Magenheim
Topic: Web-based CS knowledge level test for the Hungarian and the German students in
K12
Date: 2006 Sommersemester

Publicationlist

https://vm.mtmt.hu//search/slist.php?nwi=1&initd=1&ty_on=1&url_on=1&cite_type=2&orderby=3D1a&lang=1&location=mtmt&stn=1&AuthorID=10030621

- **Reviewer**

- Journal of Future Generation Computer Systems, ISSN: 0167-739X (*Impact Factor 1.978* (2011))
- Journal of Multimedia Systems, ISSN: 0942-4962 (print version), ISSN: 1432-1882 (electronic version) (*Impact Factor 0.729* (2011))
- Journal of Supercomputing, ISSN: 0920-8542
- Journal of Global Perspectives on Engineering Management, ISSN: 2304-9375
- Scientific Journal of Education Technology, ISSN: 2164-7224
- Journal of Future Generation Computer Systems, ISSN: 0167-739X (*Impact Factor 1.978* (2011))
- International Journal of Computer Science and Business Informatics, ISSN: 1694-2108
- International Online Journal of Educational Sciences, ISSN: 1309-2707
- International Journal of Wireless Communications and Mobile Computing, ISSN: 2330-1007 (Print), 2330-1015 (Online)
- International Journal of Statistics in Medical Research, ISSN: 1929-6029 (Online)

- **Keynote speaker:**

- Fachdidaktiktag, Universität Graz, 2011, Graz, Österreich
- 2013 International Conference on Information, Business and Education Technology (ICIBET 2013), 2013, Beijing, China

- 6th SPSS Summer School, 2014, Debrecen, Hungary
- 1st International Conference on Computing and Related Technologies, December 28-29. 2017. Karachi, Pakistan
- **Panelist speaker:**
 - PhoneCom 2011 (1st International Workshop on Sensing, Networking, and Computing with Smartphones), 2011, Dalian, China
- **General co-Chair:**
 - ERSE-2013 2013 International Conference on Educational Research and Sports Education, Beijing, China
 - ITME 2018 (IEEE 9th International Conference on IT in Medicine and Education), Oct 19-21, 2018, Hangzhou, China
- **Program Vice-Chair:**
 - ICISS 2011 (IEEE International Conference on Intelligent Computing and Integrated Systems), Guilin China
- **Publicity Chair:**
 - 2016 Cyber Science and Technology Congress (CyberSciTech 2016), Auckland, New Zealand
 - 2018 International Conference on Information Management and Processing (ICIMP 2018), Januar 12-14. 2018. London
 - 2019 International Conference on Information Management and Processing (ICIMP 2019), Januar 10-12. 2018. Laxenburg, Austria
- **Coordinators of Branches:**
 - Educational Researches and Publications Associations (ERPA) International Congress June 2-4, 2016, Sarajevo, Bosnia and Herzegovina
 - Educational Researches and Publications Associations (ERPA) International Congress May 18-21, 2017, Budapest, Hungary
- **Organizing Committee Member:**
 - 5th Informatiktag NRW, 2006, Paderborn, Germany
 - 7th IDDI (Internationalen Doktorandenkolloquium zur Didaktik der Informatik), 2009, Budapest, Hungary
- **Scientific Committee Member:**
 - Educational Researches and Publications Associations (ERPA) International Congress, 2014, Istanbul, Turkey
 - Educational Researches and Publications Associations (ERPA) International Congress 2015, Athens, Greece
 - International Conference on Test, Measurement and Computational Method (TMCM2015), 2015, Chiang Mai, Thailand
 - 7th International Symposium Research and Education in an Innovation Era (ISREIE 2018), May 17-20, 2018, Arad, Romania



- 8th International Symposium Research and Education in an Innovation Era (ISREIE 2019), May 23-25, 2018, Arad, Romania