

**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

Contact (Email): [kiss.gabor@bgk.uni-obuda.hu](mailto:kiss.gabor@bgk.uni-obuda.hu), [gabor.kiss.phd@icloud.com](mailto:gabor.kiss.phd@icloud.com)

### 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 (10<sup>th</sup> 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 (11<sup>th</sup> 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 (12<sup>th</sup> 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), 2013, Beijing, China
    - 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 (13<sup>th</sup> IEEE International Conference on Information Technology Based Higher Education and Training), 2014, York, England
    - ITHET 2015 (14<sup>th</sup> 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 (15<sup>th</sup> 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 (17<sup>th</sup> 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 (11<sup>th</sup> 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 (12<sup>th</sup> IEEE International Conference on Information Technology Based Higher Education and Training), 2013 Antalya, Turkey
  - ERPA International Educational Science Congress, 2014, Istanbul, Turkey
  - 5<sup>th</sup> International Conference of New Horizons in Education, 2014, Paris, France
  - ITHET 2014 (13<sup>th</sup> 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
  - 6<sup>th</sup> 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 (15<sup>th</sup> 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 (17<sup>th</sup> district in Budapest, 2014-2017)

<http://datenbank.idu.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](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



- 6<sup>th</sup> SPSS Summer School, 2014, Debrecen, Hungary
- 1<sup>st</sup> 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:**
  - 5<sup>th</sup> Informatiktag NRW, 2006, Paderborn, Germany
  - 7<sup>th</sup> 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