



Short CV

Web sites:

http://bdi.uni-obuda.hu/mester_gyula

https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=1689

<https://orcid.org/my-orcid>

<https://publons.com/dashboard/settings/profile/>

<https://www.scopus.com/authid/detail.uri?authorId=24478916000>

https://www.researchgate.net/profile/Gyula_Mester

<https://www.semanticscholar.org/search?q=%22Gyula%20Mester%22&sort=relevance>

https://hu.wikipedia.org/wiki/Mester_Gyula

<https://www.inf.u-szeged.hu/~gmester/indexhu.html>

<http://www.pupin.rs/RnDProfile/people.html>

<https://scholar.google.hu/citations?user=7HP6cEMAAAJ&hl=en&oi=ao>

Gyula Mester, Full Professor, D. Sc., PhD, received his D. Sci. Degree in Engineering from the University of Novi Sad in 1977.

Gyula Mester works/worked at 4 Universities and 2 Doctoral Schools in 2 countries:

University of Szeged, Faculty of Engineering, Faculty of Sciences and Informatics, Doctoral School of Applied Informatics, Szeged, Hungary.

Óbuda University, Doctoral School of Safety and Security Sciences, Budapest, Hungary.

University of Dunaújváros, Dunaújváros, Hungary.

University of Novi Sad, Mihajlo Pupin Technical Faculty, Zrenjanin, Faculty of Technical Sciences Yugoslavia/Serbia.

In the period of 1997 - 2000 he was the head of the:

„Neuro-Fuzzy-Genetic Intelligent Control Research Center”, ERUDIT node, in Subotica.

His professional activities contain different fields of robotics and engineering:

Cloud robotics,

Self-driving cars,

Unmanned autonomous systems,

Unmanned aerial vehicles,
Autonomous quadrotors,
Smart cities,
Soft computing techniques,
Fuzzy logic control,
Sensor-based remote control,
Humanoid robotics,
Autonomous wheeled mobile robots,
Micro- and nanorobots,
Rigid link flexible joints industrial robots,
Scientometrics,
Academic ranking of world universities.

Gyula Mester is the author of:

261 research papers,

the number of citations is: **1455**

Source:

Hungarian Scientific Bibliography Database,

Magyar Tudományos Művek Tára,

<https://vm.mtmt.hu/search/tmtosztaly.php?lang=0&vanlink=1&ponton=&AuthorID=10016704&pub=0>

h index=**26**,

g index=**31**,

i10 index=**34**.

In the period 2009 - 2013, he was the author of the chapters in **4** Springer research monographs.

His ORCID ID is: 0000-0001-7796-2820,

<https://orcid.org/0000-0001-7796-2820>

Researcher ID: S-5950-2017,

<http://www.researcherid.com/rid/S-5950-2017>

Scopus ID: 24478916000,

<https://www.scopus.com/authid/detail.uri?authorId=24478916000>

Publons: <https://publons.com/dashboard/settings/profile/>

<https://scholar.google.com/citations?pagesize=100&user=https://scholar.google.com/citations?user=7HP6cEMAAAAJ&user=7HP6cEMAAAAJ>

In the *Google Scholar World Ranking List*, at the date:

June 22, 2018

Gyula Mester has the following position:

Unmanned Autonomous Systems: **1st** position,

https://scholar.google.hu/citations?view_op=search_authors&hl=en&mauthors=label:unmanned_autonomous_systems

Wheeled Robots: **1st** position,

https://scholar.google.hu/citations?view_op=search_authors&hl=en&mauthors=label:wheeled_robots

Self-Driving Cars: **3rd** position

https://scholar.google.hu/citations?view_op=search_authors&hl=en&mauthors=label:self_driving_cars

Service Robots: **3rd** position

https://scholar.google.hu/citations?view_op=search_authors&hl=en&mauthors=label:service_robots

Smart City: **12th** position

https://scholar.google.hu/citations?view_op=search_authors&hl=en&mauthors=label:smart_city&after_author=CaQTABf5__8J&astart=10

Gyula Mester is a member in the Editorial Boards/Associate Editorship of 16 scientific journals:

1. Interdisciplinary Description of Complex Systems, INDECS 16(3), *Guest Editor: Roadmap for Smart, Sustainable and Safe Cities*, 2018-.
2. International Journal of Current Research in Engineering, Science and Technology, *Editorial Board Member*, India, 2016 -.
3. Journal of Robotics, *Lead Guest Editor*, 2016 -.
4. Review of the National Center for Digitization, University of Belgrade, Faculty of Mathematics, *Editorial Board Member*, Belgrade 2016-.
5. FM Transactions, University of Belgrade, Faculty of Mechanical Engineering, *Member of Editorial Board*, Belgrade, 2015.
6. Interdisciplinary Description of Complex Systems, INDECS, 13(1), *Guest Editor: New Trends in Robotics*, 2015-.
7. Acta Polytechnica Hungarica, Journal of Applied Sciences, Óbuda University, Budapest, *Associate Editor*, 2010-2015.
8. Business Systems Research, Zagreb, *Member of Advisory Board*, 2013 -.
9. Journal Interdisciplinary Description of Complex Systems - INDECS, *Advisory Board Member*, Zagreb, 2013 -.
10. The IPSI BgD Transactions on Internet Research, New York, Frankfurt, Tokyo, Belgrade, *Guest Editor: Special Issue, Intelligent Service Robotic Systems*, Volume 8, Number 2, ISSN 1820 - 4503, July 2012.
11. The IPSI BgD Transactions on Internet Research, New York, Frankfurt, Tokyo, Belgrade, *Member of Editorial Board*, 2010 -.
12. Acta Technica Corviniensis – Bulletin of Engineering, Hunedoara, *Scientific Committee & Advisory Board Member*, 2010 -.
13. Annals Faculty Engineering Hunedoara – International Journal of Engineering, Romania, *Scientific Committee & Advisory Board Member*, 2010.
14. The IPSI BgD Transactions on Advanced Research, New York, Frankfurt, Tokyo, Belgrade, *Member of Editorial Board*, 2010.
15. Műszaki tudományos Füzetek, *Scientific Committee Member*, Kolozsvár, 2002 - 2008.
16. Bulletins for Applied Mathematics, Budapest, *Member of Editorial Board*, 1986 - 2000.

Gyula Mester is an invited reviewer for 22 scientific journals:

1. Interdisciplinary Description of Complex Systems, 2014 -.
2. Journal of Aerospace Engineering, 2013 -.
3. International Journal of Advanced Robotic Systems, 2013 -.
4. Journal of Robotics, Hindawi Publishing Corporation, 2012 -.

5. Sensors - Open Access Journal, Basel, Switzerland, 2012 -.
6. Acta Polytechnica Hungarica, Budapest, Hungary, 2012 -.
7. Intelligent Systems: Models and Applications, Springer - Verlag, 2012 -.
8. Journal of Inequalities and Applications, Springer 2012 -.
9. Journal of Mechanical Engineering, Strojniški vestnik, 2012,
10. Robotics and Computer Integrated Manufacturing, Elsevier 2012 -.
11. Annals Faculty Engineering Hunedoara - International Journal of Engineering, 2012 -.
12. Acta Technica Corviniensis - Bulletin of Engineering, Hunedoara, 2012 -,
13. International Journal of Electrical and Computer Engineering Systems (IJECEs), 2012 -.
14. IPSI BgD Transactions on Internet Research, 2012 -.
15. IPSI BgD Transactions on Advanced Research, 2012 -.
16. International Journal of Automation and Control, 2009 -.
17. Maintenance and Realibility, The Polish Academy of Sciences Branch, Lublin and The Polish Maintenance Society, Warsaw, 2014 -.
18. Measurement, the Journal of the International Measurement Confederation, Elsevier, 2014 -.
19. FME Transactions, University of Belgrade, Faculty of Mechanical Engineering, 2014 -.
20. International journal of Current Research in Engineering, Science and Technology, India, 2016 -.
21. Neural Computing and Applications, Springer, London, 2016.
22. Review of the National Center for Digitization, University of Belgrade, Faculty of Mathematics, 2016.

Gyula Mester was also an invited reviewer of more proceedings of scientific conferences:

1. 13th World Multi - Conference on Systemics, Cybernetics and Informatics: WM - SCI '09 Orlando, Florida, USA, 2009.
2. IECON - 2010, the 36th Annual Conference of the IEEE Industrial Electronics Society, 2010, Glendale, Arizona, USA.
3. IEEE ISIE International Symposium on Industrial Electronics, Bari, 2010, Italy.
4. YUINFO, 2012, Kopaonik, Serbia.
5. ICIST, 2012 - 2nd International Conference on Information Society Technology, Kopaonik, Serbia.
6. IBC 2012, Internet & Business Conference, Rovinj, Croatia.
7. The 4th International Conference on Information Technology (ICIT 2013), Amman, Jordan.
8. IEEE Symposium Series on Computational Intelligence IEEE SSCI 2013, Singapore.
9. International Workshop on Advanced Computational Intelligence and Intelligent Informatics (IWACIII), 18 - 21 October 2013, Shanghai, China.
10. IEEE Symposium Series on Computational Intelligence 2014 (SSCI 2014), Orlando, Florida, USA, December 9 - 12, 2014.
11. IEEE IES Mecatronics14, 10th France - Japan Congress, 8th Europe - Asia Congress on Mecatronics, Tokyo, Japan, November 27 - 30, 2014, <http://www.comp.sd.tmu.ac.jp/mecatronics2014/index.html>.
12. The 7th International Conference on Information Technology, ICIT 2015, Amman, Jordan, May 12 - 15, 2015.
13. Mechatronics in Practice and Education, Mech Edu 3rd International Conference & Workshop 2015, Subotica, Serbia, May 14 - 16, 2015.

14. Smart, Sustainable and Safe Cities Conference 2018, Budapest, Hungary, May 25-26. 2018.
 15. European Smart Sustainable and Safe Cities Conference, ESSSCC 2019, Budapest, Hungary, February 7 – 8, 2019.
- He was plenary, keynote, invited lecturer and he participated in organizing of the national and international symposiums, conferences and congresses:
1. Matematički Institut, Odeljenje za Mehaniku, SANU, Beograd, 1976, *Invited Lecturer*.
 2. GAMM - Gesellschaft für Angewandte Mathematik und Mechanik - Tagung, Berlin, Deutschland, 1980, *Invited Lecturer*.
 3. Simpozijum'80 Savremeni problemi nelinearne mehanike kontinuuma, pp. II-25, Tara, Jugoslavija, 1980, *Invited Lecturer*.
 4. GAMM - Gesellschaft für Angewandte Mathematik und Mechanik - GTagung, Würzburg, Deutschland, 1981, *Invited Lecturer*.
 5. Simpozijum Dinamika masina i mehanizama, Kragujevac, Jugoslavija, 1984, *Invited Lecturer*.
 6. PAMM - Pannon Applied Mathematics and Mechanics - Workshop, Balatonfüred, Hungary, 1985, *Invited Lecturer*.
 7. PAMM - Pannon Applied Mathematics and Mechanics - Workshop, Balatonfüred, Hungary, 1986, *Invited lecturer*
 8. Gyula Mester: Istraživanje i razvoj sistema savremenih elektromehaničkih prenosnika. Simpozijum o prenosnicima, Subotica, Yugoslavia, 1987, *invited lecturer*.
 9. Matematički institut, Srpska Akademija Nauke i Umetnosti, SANU, Beograd, Yugoslavia, 1987, *invited Lecturer*.
 10. SEITH, IV savetovanje Elektromotorni pogoni, Zadar, Yugoslavia, 1988, *Invited Lecturer*.
 11. PAMM - Pannon Applied Mathematics and Mechanics - Workshop, Budapest-God, 1990, *Invited Lecturer*.
 12. 20th Yugoslav Congress of Theoretical and Applied Mechanics, 1993, Kragujevac, Yugoslavia, *Member of the Organizing Committee*.
 13. First ECPD - European Center for Peace and Development - International Conference on Advanced Robotics, Intelligent Automation and Active Systems, Athens, Greece, 1995, *Section Chair*.
 14. International Power Electronics & Motion Control Conference, PEMC'96, 1996, Budapest, *Member of the Organizing Committee*.
 15. International Panel Conference on Soft and Intelligent Computing, SIC'96 1996, Budapest, *Member of the International Organizing Committee*.
 16. 5th International Workshop on Robotics in Alpe-Adria-Danube Region, RAAD'96, Budapest, 1996, *Section Chair: Emerging technologies*.
 17. Second ECPD International Conference on Advanced Robotics, Intelligent Automation and Active Systems, Vienna, 1996, *Section Chair*.
 18. ETFA'96, IEEE International Conference on Emerging Technologies and Factory Automation, Kauai Marriott, Kauai, Hawaii, USA, November 18-21, 1996, *Section Chair*.
 19. Soft and Intelligent Computing in Control Engineering, SICCE'97, Subotica, Yugoslavia, 1997, *General Chair*,
and
Plenary Lecturer.
 20. Prim'97, Subotica, Yugoslavia, 1997, *Invited Lecturer*.
 21. SCPE'97, Nis, Yugoslavia, 1997, *Invited Lecturer*.

22. Pannonian Applied Mathematical Meeting, Kassa, Slovakia, 1997, *Member of the Organizing Committee.*
23. PEMC'98 Conference, Praha, Czech Republic, 1998, *Member of the International Publicity Committee.*
24. Conference of Effect of Information Society on Education of Electric Engineers, Budapest, 2000, *Invited Lecturer.*
25. Savremene računarske tehnologije 2000, Subotica, 2000, *General Chair.*
26. Kárpát-medencei magyar professzorok 5. találkozója, plenáris előadás, Nyíregyháza, Hungary, November 9-10. 2001, *Invited Lecturer.*
27. IEEE 1st Serbian- Hungarian Joint Symposium on Intelligent Systems, SISY 2003, September 19 - 20, 2003, Subotica, Serbia and Montenegro, Section Chair, *Program Committee Member.*
28. Gyula Mester: Web alapú oktatórendszer LAMP környezetben, PHP RoadShow, Dunaújváros, Hungary, 2004, *Invited Lecturer.*
29. 20th International Scientific Conference «Information Technology in Education of Informatics, Electrical and Mechanical Engineers», 2004, Subotica, Yugoslavia, *Editor of the Conference Proceedings.*
30. Gyula Mester, E-learning, xHTML és CSS tananyagfejlesztés LAMP környezetben, Tudományos napok, Dunaújváros, Hungary, 2004, *Invited Lecturer.*
31. IEEE 2nd Serbian- Hungarian Joint Symposium on Intelligent Systems, SISY 2004, October 1 - 2, 2004, Subotica, Serbia and Montenegro, *Program Committee Member.*
32. Gyula Mester: E-learning tananyagfejlesztés LAMP környezetben, MPV konferencia, Budapest, Hungary, 2004, *Invited Lecturer.*
33. IEEE 3rd Serbian- Hungarian Joint Symposium on Intelligent Systems and Informatics, SISY 2005, August 31 - September 1, 2005, Subotica, Serbia and Montenegro, *Program Committee Member.*
34. IEEE 4th Serbian- Hungarian Joint Symposium on Intelligent Systems and Informatics, SISY 2006, September 29 - 30, 2006, Subotica, Serbia, Section Chair, *Program Committee Member.*
35. International Conference on Intelligent Engineering Systems, INES 2006, London, United Kingdom, 2006, *Section Chair.*
36. YUINFO 2007, Kopaonik, Serbia, *Section Chair.*
37. IEEE 5th International Symposium on Intelligent Systems and Informatics, SISY 2007, Subotica, Serbia, *Intelligent Robotics I, Section Chair,*
and
Program Committee Member.
38. IEEE 25th International Conference Science in Practice SiP, Schweinfurt, *Program Committee Member,* 2007.
39. IEEE 26th International Conference Science in Practice IEEE SiP, Osijek, *Program Committee Member,* 2008.
40. VIII Fialat Műszakiak Tudományos Ülésszaka, Erdélyi Múzeum-Egyesület, Kolozsvár, Románia, 2008. március 14-15, *Scientific Committee Member.*
41. IEEE 6th International Symposium on Intelligent Systems and Informatics, SISY 2008, September 26 - 27, 2008, Subotica, Serbia, *Program Committee Member.*
42. 27th International Conference Science in Practice IEEE SiP 2009, Pécs, Hungary, *Program Committee Member.*
43. World University President Summit, IPSI Conference, Belgrade, 2009, *Advisory Board Member.*
44. Gyula Mester, International Conference on Advances in the Internet, Processing, Systems, and Interdisciplinary research, VIPSI 2009, pp. 1-5, ISBN: 86-7466-117-3, Belgrade, Serbia, 03-04th April 2009, *Keynote talk.*
45. Gyula Mester, Would we Realise the Aims of the Lisbon Strategy 2000 in Higher Education of Europe?

- Technical University of Applied Sciences, TH Wildau, Berlin, Germany, 2009, *Invited Lecturer*.
46. Gyula Mester, Aleksandar Rodic, Autonomous Locomotion of Humanoid Robots in Presence of Mobile and Immobile Obstacles, Budapest Tech Jubilee Conference, September 1-2, Budapest, Hungary, 2009, *Invited Lecturer*.
 47. IEEE 7th International Symposium on Intelligent Systems and Informatics, SISY 2009, September 25 - 26, 2009, Subotica, Serbia, *Program Committee Member*.
 48. Ranking 2009 of World Higher Education Institutions, Roman Trobec, Veljko Milutinovic, ProSense Workshop, Institute Jožef Stefan, Ljubljana, Slovenia, 2009, *Keynote talk*.
 49. International Conference on Computing, Communications and Control Technologies, *Invited Session: Intelligent Robot Motion Control in Unstructured Environments*, *Member of the Organizing Committee of the Session*, Orlando, Florida, USA, April 6 - 9, 2009.
 50. TAMOP 422 Workshop, University of Szeged, Szeged, Hungary, 2010. Virtual WRSN – Modeling and Simulation of Wireless Robot-Sensor Networked Systems, *Invited Talk*.
 51. 28th International Conference Science in Practice IEEE SiP 2010, Subotica, *General Chair*, *Editor in Chief*, *Program Committee Member*.
 52. Autonomous Locomotion of Humanoid Robots in Presence of Mobile and Immobile Obstacles - Path Planning, Trajectory Prediction, Control and Simulation, TAMOP 422 Workshop, University of Szeged, Szeged, Hungary, 2010, *Invited Talk*.
 53. Intelligent Wheeled Mobil Robot Control in Unknown Environments, TAMOP 422 Workshop, University of Szeged, Szeged, Hungary, 2010, VIPSI – 2010 Conference, Amalfi, Italy, March 4 to 7, 2010, *Keynote Talk*.
 54. IEEE 8th International Symposium on Intelligent Systems and Informatics, SISY 2010, September 10 - 11, 2010, Subotica, Serbia, *Program Committee Member*.
 55. Vipsi Conference, Tivat, Montenegro, 2010, *Invited Talk*.
 56. TAMOP 422 Workshop, Szeged, Hungary, 2011, Remotely Controlled Ground-Aerial Robot-Sensor Network for 3D Environmental Surveillance and Monitoring, *Invited Talk*.
 57. YUINFO 2011, Kopaonik, Serbia, *Session Chair*.
 58. IEEE 9th International Symposium on Intelligent Systems and Informatics, SISY 2011, September 08 - 10, 2011, Subotica, Serbia, *Program Committee Member*.
 59. TAMOP 422 Workshop, Budapest, Hungary, 2011, Sensor-Based Navigation, Motion Planning and Control of Autonomous Indoor Ambient Adaptive Wheel-Based Robots in Environments with Contingency Risks, *Invited Talk*.
 60. TAMOP 422 Workshop, Szeged, Hungary, 2011, Remotely Controlled Ground-Aerial Robot-Sensor Network for 3D Environmental Surveillance and Monitoring", *Invited talk*.
 61. Mech Edu, 2011.12.8 - 10, Subotica, Serbia, *Scientific Committee Member*.
 62. *Member of the Organizing Committee* of the IBC 2012, Internet & Business Conference, Rovinj, Croatia.
 63. IEEE 10th International Symposium on Intelligent Systems and Informatics, SISY 2012, September 20 - 22, 2012, Subotica, Serbia, *Program Committee Member*.
 64. YUINFO 2013, Kopaonik, Serbia, *Program Committee Member*.
 65. ICIST 2013, Kopaonik, Serbia, *Program Committee Member*.
 66. Workshop on Modern Approach to Product Development and Business Improvement, Balatonfüred, 2013, *Section Chair*.

67. IEEE 11th International Symposium on Intelligent Systems and Informatics, SISY 2013, September 26 - 28, 2013, Subotica, Serbia, *Program Committee Member*.
68. International Workshop on Advanced Computational Intelligence and Intelligent Informatics (IWACIII), 18 - 21 October 2013, Shanghai, China, *Program Committee Member*.
69. International Workshop on Advanced Computational Intelligence and Intelligent Informatics (IWACIII), 18 -21 October 2013, Shanghai, China, *Member of the Section Organizing Committee: Intelligent Interaction and Visualization*.
70. International Workshop on Advanced Computational Intelligence and Intelligent Informatics (IWACIII), 18 -21 October 2013, Shanghai, China. *Member of the Organizing of the Special Session: Modeling, Path Planning, Navigation and Autonomous Flight Control of Quadrotor Micro Copter*.
71. Gyökerek, utak, jövők: az anyanyelv megőrzésének kérdései a Kárpát-medencében konferencia, Pécs, 2013, szeptember 13-14, *Plenary Lecturer*
72. Workshop Modern Approach to Product Development and Business Improvement, Balatonfüred, Hungary, 16-19th May 2013, DataFlow SuperComputing for ExaScale Applications: Revisiting the Algorithms, *Invited Lecturer*.
73. Workshop Modern Approach to Product Development and Business Improvement, Balatonfüred, Hungary, 16-19th May 2013, Nonlinear Control of Aerial Robotics, *Invited Lecturer*.
74. Workshop Modern Approach to Product Development and Business Improvement, Balatonfüred, Hungary, 16-19th May 2013, Methods of Scientific Metrics and Ranking of Scientific Results, *Invited Lecturer*.
75. YUINFO 2014, Kopaonik, Serbia, *Program Committee Member*.
76. ICIST 2014, Kopaonik, Serbia, *Program Committee Member*.
77. SISY 2014, IEEE 12th International Symposium on Intelligent Systems and Informatics, 11 - 13 September, 2014, Subotica, Serbia, *Program Committee Member*.
78. IEEE Symposium on Robotic Intelligence in Informationally Structured Space (RiiSS 2014), 9 – 12 December, 2014, Orlando, Florida. USA, *Program Committee Member*.
79. The 8th International Symposium Machine and Industrial Design in Mechanical Engineering, 2014, Novi Sad, Serbia, *International Scientific Committee Member*.
80. XXX Kandó Conference, Budapest, Hungary, November 20, 2014, *keynote talk*
81. Mechatronics in Practice and Education, Mech Edu 3rd International Conference & Workshop, 14 - 16 May 2015, Subotica, Serbia,
Scientific Committee Member
and
Member of the Organizing of the Special Session: Robotics.
82. YUINFO 2015, Kopaonik, Serbia, *Program Committee Member*.
83. 2015 IEEE Symposium on Robotic Intelligence in Informationally Structured Space (IEEE RiiSS 2015), 7 - 10 December, 2015, Cape Town, South Africa, *Technical Program Committee Member*.
84. Trend 2015, Novi trendovi naučne metrike, paper N0. UP 1-3, XXI Skup Trendovi Razvoja: “Univerzitet u Promenama...”, Zlatibor, 23. - 26. 02. 2015, *Plenary Lecturer*
85. Vipsi Conference, Becici, Montenegro, December 30, 2014 – January 2, 2015, *Keynote Talk*
86. 2016 IEEE Symposium on Robotic Intelligence in Informationally Structured Space (IEEE RiiSS 2016), 6-9 December 2016, Athens, Greece, *Program Committee Member*.
87. YUINFO 2016, Kopaonik, Serbia, *Program Committee Member*.
88. The 9th International Symposium Machine and Industrial Design in Mechanical Engineering, 2016, Novi Sad, Serbia, *International Scientific Committee Member*.
89. 8th International Engineering Symposium at Bánki, IESB 2016, *Plenary Lecturer*

90. YUINFO 2017, Kopaonik, Serbia, March 12-15, 2017, *Program Committee Member*.
91. Conference on Intelligent Systems in Production Engineering and Maintenance – ISPEM 2017, *Program Committee Member*, 2017.
92. Mechatronics in Practice and Education, Mech Edu 3rd International Conference & Workshop, May 4 – 5, 2017, Subotica, Serbia, *Scientific Committee Member*.
93. The 10th International Symposium Machine and Industrial Design in Mechanical Engineering, 6 - 8 June 2018, Novi Sad, Serbia, *International Scientific Committee Member*.
94. YUINFO 2018, Kopaonik, Serbia, March 11-14. 2018, *Program Committee Member*.
95. Smart, Sustainable and Safe Cities Conference 2018, Budapest, Hungary, May 25-26, 2018, *Scientific Committee*
and
Organizing Committee Member.
96. IEEE CANDO EPE 2018, International IEEE Conference AND workshop in Óbuda University on Electrical and Power Engineering, Budapest, Hungary, November 20-21, 2018, *International Scientific Committee Member*.
97. SIP CANDO 2018, International Conference in Óbuda University, Budapest, Hungary, 22-23 November 2018, *International Scientific Committee Member*.
98. The 12th International Conference INTER-ENG 2018, Interdisciplinarity in Engineering, Petru Maior University of Tîrgu-Mureş, Romania, 4 - 5 October 2018, *Plenary Lecturer*
99. XII. Innováció és fenntartható felszíni közlekedés konferencia, XII. IFFK 2018, Budapest, Hungary, August 29-31, 2018, *Plenary Lecturer*
100. Smart, Sustainable and Safe Cities Conference 2019, Budapest, Hungary, February 07-08, 2019, *General chair of the Scientific Board*
Scientific Board Member
Plenary Lecturer: Service and Personal Robots in Smart Cities
and
Organizing Committee Member
Publications Chair

He was a contact person of the:

Robotics Laboratory of European Robotics Research Network at the University of Szeged.

Mester was the member of the:

Yugoslav Society of Mechanics,

and the:

secretary of the Society of Mechanics Vojvodina.

He is member of the IFToMM - International Federation for the Promotion of Mechanism and Machine Science. He is member of the Hungarian Academy of Sciences Institute for Computer Science and Control.

He is an invited reviewer of the Accreditation Body of Republic Serbia.

He is, furthermore, a member of the 18 scientific organizations.

Gyula Mester took part in a total of 35 scientific projects; as project manager, supervisor or researcher.

At the Doctor School in Computer Science at the University of Szeged, Szeged, Hungary he supervised 2 PhD students:

Szépe Tamás, 2008-2016, obtained his degrees: 2016,

Pintér Róbert, 2007-2009, obtained his degrees: 2013,

and he teaches 4 PhD courses:

1. Wheeled Mobile Robots.
2. Humanoid Robots.
3. Underwater Robotics.
4. Micro- and Nanorobots.

At the Doctoral School on Safety and Security Sciences at the Óbuda University, Budapest, he is the Supervisor for 2 PhD students:

Damir Šoštarić,
Nemes Attila.

and teaching 2 PhD courses:

1. Intelligent Robotics,
2. Obstacle Avoidance Control of Autonomous Quad-Rotor.

In the period of 2010-2011, he was the Supervisor for postdoctor research of:

Prof. Dr. Sci. Samy Farid Mohamed Assal, Tanta University, Tanta, Egypt.

Gyula Mester was the Supervisor and External Examiner of of 16 PhD Theses:

1. Zrínyi Miklós Nemzetvédelmi Egyetem, Katonai Műszaki Doktori Iskola, Budapest, Hungary, 2009.
Kucsera Péter, *Autonóm működésű szárazföldi robotok védelmi célú alkalmazása*, PhD Thesis, Supervisor of PhD Theses.
2. University of Novi Sad, Serbia, 2011.
Piroska Stanić Molcer, *Integrated Component of Digital Signal Processing Education System implemented in Network Environment, Integrisana komponenta sistema učenja digitalne obrade signala implementirana u mrežnom okruženju*, PhD Thesis, Supervisor of PhD Theses.
3. Anna University-Chennai, Tamilnadu, India, 2014.
S. Albert Alexander, *Certain Investigations on Power Quality Improvement Techniques for a Solar Fed Cascaded Multilevel Inverter*, PhD Thesis, for the award of PhD Degree, external examiner.
4. Anna University-Chennai, Tamilnadu, India, 2013.
A. Satheesh, *Certain Investigations on Power System Voltage Stability and Power Loss Minimization Employing Intelligent Techniques and Facts Controllers*, PhD Thesis, for the award of PhD Degree, external examiner.
5. Anna University, Chennai, Tamil Nadu, India, 2013.
Intelligent Control of Robot Manipulators Using Soft Computing Techniques,
V. Chandrasekaran, PhD Thesis, for the award of PhD Degree, external examiner.
6. Anna University, Chennai, Tamil Nadu, India, 2013.
E. Mariappane, *Application of Bacteria Foraging Algorithm for Power System Problems*, PhD Thesis, for the award of PhD Degree, external examiner.
7. Anna University, Chennai, Tamil Nadu, India, 2013.
S. Rajan, *Stability and Stabilization of Linear Time Invariant System Using Marden Table*, PhD Thesis, for the award of PhD Degree, external examiner.
8. Department of Electrical and Electronics Engineering at P.A. College of Engineering and Technology, India, 2012.

M. Sathiskumar, *Radial Distribution Network Reconfiguration and Phase Balancing Through Hybrid Heuristic Techniques*, PhD Thesis, for the award of PhD Degree, external examiner.

9. Department of Electrical Engineering, Annamalai University, India, 2011.

R. K. Shanthi, *Soft Computing Techniques Applied to Power System Economics*, PhD Thesis, for the award of PhD Degree, external examiner.

10. Department of Electrical and Electronics Engineering, Institute of Engineering, Coimbatore, India, 2009.

S. Thiruvankadam, *Web Application for Radial Distribution Network Reconfiguration Through Hybrid Heuristic Techniques*, PhD Thesis, for the award of PhD Degree, external examiner.

11. Department of Electronics and Computer Engineering, Indian Institute of Technology Roorke, India, 2009.
Srinivasan A., *Intelligent Control of Robot Manipulators Using Soft Computing Techniques*, PhD Thesis, for the award of PhD Degree, external examiner.

12. Anna University, Chennai, Tamil Nadu, India, 2015.

K. Vijayakumar, *Design of Adaptive and Predictive Controller for Stabilisation of Continuous Stirred Tank Reactor*, PhD Thesis, for the award of PhD Degree, external examiner.

13. Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore, India, 2015.

R Senthilkumar, *Design of Fractional Order pi Controller Using Metaheuristic Algorithms Applied to DC-DC Boost Converter*, PhD Thesis, for the award of PhD Degree, external examiner.

14. Karpagam College of Engineering, Coimbatore, Tamilnadu, India, 2015.

Sakthivel Aruchamy, *Investigations on the Performance Enhancement of Shunt Active Power Filter Using Evolutionary Computing Techniques*, PhD Thesis, for the award of PhD Degree, external examiner.

15. Karpagam College of Engineering, Coimbatore, Tamilnadu, India, 2015.

K. Sureshkumar, *Simultaneous Reconfiguration and Capacitor Placement of Radial Distribution System Through Hybrid Fuzzy and Teaching Learning Algorithm with Power Quality Constraint*, PhD Thesis, for the award of PhD Degree, external examiner.

16. University of Szeged, Informatika Doktori Iskola, Szeged, Hungary, 2016,

Szépe Tamás, *Optimizing Robotic Actuator, Trajectory Tracking and Fuzzy Control*, PhD Thesis, for the award of PhD Degree, Supervisor.

He is the member of the IEEE, The Institute of Electrical and Electronics Engineers, No.: 95095594.

Gyula Mester was elected for the:

Man of the Year 1997

and

Man of the Year 2011

by the American Biographical Institute.

From 27st November 2013 he is the:

Full Member of the Hungarian Academy of Engineering.

From 6th December 2000 he is a member of:

Public Body of the Hungarian Academy of Sciences.

From August 1994 he is a member of the:

New York Academy of Sciences.

His CV was published in the:

Marquis 'Who's Who in the World 1997'.

Between 1988 – 2018, Gyula Mester made outstanding research contributions in the field of Soft Computing methods and its application for Intelligent Robots in Europe.
