Personal Information



Mehmet Kececi

Online CV: https://github.com/WhiteSymmetry

Degree:

Ph.D. Student in Physics (2018-2024, Completed the dissertation phase of the Ph.D. in Physics)

Master Science in Physics, MSc. (2001)

Physics, University of Kocaeli, BSc. (1998)

Physics & Science & Information Technologies Teacher (1999-2008)

Occupational Safety Specialist (2016)

Biophysics; Information Technologies & Health Information Systems &

Bioinformatics Lecturer (2010 - 2014)

Certified Microsoft Innovative Educator, 2016-12.2024

MIE Master Trainer (2016-12.2024)

MIE Expert (2017 - 12.2024)

Editorial Board Member (15.10.2019 - 2023)

Author (2015 - ***), Blog Writer, 1999

Reviewer (2012 - ***, ~100 Articles, ~30 Journals)

Scientific Writer (29.08.1995 - ***)

(MIE, CK-12, Minecraft, Flipgrid, Nearpod, Adobe, Soundtrap, WeVideo, Newsela, Mote)

Certified Educator.

Elsevier Group Member

Marital Status: Single

Nationality: Türkiye Republic Government

Born: 1972 Birthplace: Türkiye City: Istanbul

E-Mail: mkececi@yaani.com, mkececi@mehmetkececi.com

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Education

2018-2024 Gebze Technical University (GTU), Doctor of Philosophy (**Ph.D.**) in Physics, Graduate School, Türkiye (Thesis term, %30 English, 3.14/4)

Dissertation (Thesis) Subject: Investigation of Quantum Information Processing Technology Used in Topological Nanostructures Weyl and Majorana Fermions

1998-2001 Gebze Technical University (GTU), Master of Science (MSc.) in Physics, Faculty of Science, Türkiye

Thesis Subject: Conformal Spinor Field Theories

1993-1998 University of Kocaeli, Bachelor of Science in Physics (BSc.), Faculty of Arts and Sciences, Türkiye

Program Duration: 1 year of English preparation +4 years of education (30% of instruction in English)

1990-1993 University of İnönü Vocational School, Industrial Electronics, Türkiye

Career Level/Business Experience:

2023 - *** Voluntarily: Editorial Board Member, Open Science Articles (OSAs)

10.15.2019 - 2023 Voluntarily: **Editorial Board Member**, Nanotechnology and Nanomedicine Archives, USA

2015 - *** Author (Book)

2012 - *** Voluntarily: **Reviewer** (Academical)

1995 - *** Freelancer Scientific Writer

2015 - 2016 Course & Internship & Certificate of Occupational Safety Specialist

2013 - 13.06.2014 Lecturer: Bioinformatics, Information Technologies I-II, Istanbul Medipol University

Faculties (Nursing, Health Management, Law, Nutrition and Dietetics, Physical Therapy and Rehabilitation, Pharmacy)

Lecturer: Health Information Systems, Health Information System and Applications I-II, Istanbul Medipol University

Faculties (Medical Documentation and Secretarial Program)

Lecturer: Fundamental Information Technologies and Instrumentations, Istanbul Medipol University

Faculties (Medical Documentation and Secretarial Program, Justice Higher Vocational School)

Lecturer: Information and Communication Technologies, Istanbul Medipol University

Faculties (Operating Theatre Services, Dental Prosthesis Technology, Dialysis, Pharmacy Services, Audiometry, Optician, Medical Documentation and Secretarial, Medical Imaging Techniques, Medical Laboratory Techniques, Radiotherapy)

2012 - 2013 Lecturer: Information Technologies, Istanbul Medipol University

Law, Physical Therapy and Rehabilitation, Nursing, Pharmacy, Nutrition and Dietetics

2011 - 2012 Lecturer: Information Technologies, Istanbul Medipol University Physical Therapy and Rehabilitation, Nursing, Health Management, Pharmacy

2010 - 2011 Lecturer: Information Technologies, Istanbul Medipol University

Faculties (Nursing, Health Management, Physiotherapy and Rehabilitation, Pharmacy)

2008 - 2011 General Manager (CEO) of Hiperteknoloji Inf. Edu. Const. Ind. and Foreign Trade Ltd. Co.

1999 - 2008 Private High School (Physics & Science & Information Technology) Teacher, Programmer (C++)

International Scientific Paper, Journal Article, Preprints & others (full list)

- 1. Keçeci, M. (2025). Characteristic Features of Keçeci and Oresme Number Sequences: Dynamic and Static Perspectives. HAL open science, hal-05169251. https://doi.org/10.13140/RG.2.2.24879.85922
- 2. Keçeci, M. (2025). Kuantum Algoritmalarında Veri Kodlama ve Kuantizasyon Arasındaki İlişkinin Analizi ve Keçeci Layout ile Max-Cut Problemi. Open Science Articles (OSAs), Zenodo. https://doi.org/10.5281/zenodo.16755186
- 3. Keçeci, M. (2025). Keçeci Varsayımının Kuramsal ve Karşılaştırmalı Analizi. ResearchGate. https://dx.doi.org/10.13140/RG.2.2.21825.88165
- 4. Keçeci, M. (2025). Genelleştirilmiş Keçeci Operatörleri: Collatz Yinelemesinin Nötrosofik ve Hiperreel Sayı Sistemlerinde Uzantıları. Authorea. https://doi.org/10.22541/au.175433544.41244947/v1
- 5. Keçeci, M. (2025). From Abstract Theory to Practical Application: The Journey of Hilbert Space in Quantum Technologies. Preprints. https://doi.org/10.20944/preprints202508.0171.v2; https://doi.org/10.20944/preprints202508.0171.v1
- 6. Keçeci, M. (2025). The Unifying Role of Hilbert Space in Quantum Field Theory and Information Science. Authorea. https://doi.org/10.22541/au.175449372.28574879/v1; https://doi.org/10.22541/au.175433455.53782703/v1
- 7. Keçeci, M. (2025). Keçeci ve Collatz Karşılaştırması: Benzer Algoritmalar, Farklı Çekiciler. figshare. https://doi.org/10.6084/m9.figshare.29815910
- 8. Keçeci, M. (2025). Keçeci Varsayımı'nın Hesaplanabilirliği: Sonlu Adımda Kararlı Yapıya Yakınsama Sorunu. WorkflowHub. https://doi.org/10.48546/workflowhub.document.44.1; https://doi.org/10.48546/workflowhub.document.44.2
- 9. Keçeci, M. (2025). Keçeci Varsayımı ve Dinamik Sistemler: Farklı Başlangıç Koşullarında Yakınsama ve Döngüler. Open Science Output Articles (OSOAs), OSF. https://doi.org/10.17605/OSF.IO/68AFN
- 10. Keçeci, M. (2025). Keçeci Varsayımı: Periyodik Çekiciler ve Keçeci Asal Sayısı (KPN) Kavramı. Open Science Knowledge Articles (OSKAs), Knowledge Commons. https://doi.org/10.17613/g60hy-egx74
- 11. Keçeci, M. (2025). Hilbert Space: The Mathematical Engine of Quantum Information Processing. Open Science Knowledge Articles (OSKAs), Knowledge Commons. https://doi.org/10.17613/6gagh-4dw41
- 12. Keçeci, M. (2025). Hilbert Space as the Geometric Foundation of Quantum Mechanics and Computing. OSF. https://doi.org/10.17605/OSF.IO/ZXDBK
- 13. Keçeci, M. (2025). Keçeci Varsayımı: Collatz Genelleştirmesi Olarak Çoklu Cebirsel Sistemlerde Yinelemeli Dinamikler. Open Science Articles (OSAs), Zenodo. https://doi.org/10.5281/zenodo.16702475
- Keçeci, M. (2025). The Keçeci Layout: A Deterministic Visualisation Framework for the Structural Analysis of Ordered Systems in Chemistry and Environmental Science. Open Science Articles (OSAs), Zenodo. https://doi.org/10.5281/zenodo.16696713
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- 17. Keçeci, M. (2025). Döngülerden Vektörleştirmeye: Harmonik Seriler için Saf Python ve JAX Performans Karşılaştırması. Authorea. https://doi.org/10.22541/au.175390609.94042878/v1

- 18. Keçeci, M. (2025). From Loops to Vectorisation: A Performance Comparison of Pure Python and JAX for Harmonic Series Calculation. Authorea. https://doi.org/10.22541/au.175390610.08488249/v1
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- 20. Keçeci, M. (2025). Hyperreal Transformations and Applications of Keçeci Numbers in a Neutrosophic Framework. Authorea. https://doi.org/10.22541/au.175390600.02906392/v1
- 21. Keçeci, M. (2025). Hipergerçek Analiz ve Nötrosofik Kümelere Dayalı Keçeci Sayılarının Dinamik Modellenmesi. Open Science Knowledge Articles (OSKAs), Knowledge Commons. https://doi.org/10.17613/jy9mn-2va66
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- 23. Keçeci, M. (2025). Harmonik Seri Hesaplamalarının Modernizasyonu: Geleneksel Python ve JAX Arasında Bir Performans Kıyaslaması. OSF. https://doi.org/10.17605/OSF.IO/BT5A3
- 24. Keçeci, M. (2025). Modernising the Computation of Harmonic Series: A Performance Benchmark between JAX and Traditional Python. OSF. https://doi.org/10.17605/OSF.IO/56JDU
- 25. Keçeci, M. (2025). Hesaplamalı Matematikte Verimlilik ve Sürdürülebilirlik: Harmonik Seri İçin JAX Tabanlı Bir Yaklaşım. Open Science Knowledge Articles (OSKAs), Knowledge Commons. https://doi.org/10.17613/bfw58-cbm15
- 26. Keçeci, M. (2025). Efficiency and Sustainability in Computational Mathematics: A JAX-Based Approach to the Harmonic Series. Open Science Knowledge Articles (OSKAs), Knowledge Commons. https://doi.org/10.17613/js67q-4wc71
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- 47. Keçeci, M. (2025). Stratum Model-Based Analysis of Topological Insulators Hosting Weyl and Majorana Fermions. WorkflowHub. https://doi.org/10.48546/workflowhub.document.39.1
- 48. Keçeci, M. (2025). Quantum Computing Applications of Weyl-Majorana Hybrid States in Layered Systems via Stratum Model. figshare. https://doi.org/10.6084/m9.figshare.29606039
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- 51. Keçeci, M. (2025). Between Chaos and Order: A Behavioural Portrait of Keçeci and Oresme Numbers. preprints.ru. https://doi.org/10.24108/preprints-3113623
- 52. Keçeci, M. (2025). Analysing the Dynamic and Static Structures of Keçeci and Oresme Sequences. Authorea. https://doi.org/10.22541/au.175199926.64529709/v1
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- 56. Keçeci, Mehmet (2025). Dynamic-Static Properties of Keçeci and Oresme Number Sequences: A Comparative Examination. figshare. Journal contribution. https://doi.org/10.6084/m9.figshare.29504960
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- 59. Keçeci, M. (2025). A Graph-Theoretic Perspective on the Keçeci Layout: Structuring Cross-Disciplinary Inquiry. Preprints. https://doi.org/10.20944/preprints202507.0589
- 60. Kececi, M. (2025). Oresme. figshare. https://doi.org/10.6084/m9.figshare.29504708
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- 62. Keçeci, M. (2025). Oresme (0.1.0). Open Science Articles (OSAs), Zenodo. https://doi.org/10.5281/zenodo.15833238
- 63. Keçeci, M. (2025). Exploring Weyl Semimetals: Emergence of Exotic Electrons and Topological Order. HAL open science. https://hal.science/hal-05146435; https://doi.org/10.13140/RG.2.2.35594.17606

- 64. Keçeci, M. (2025). Harnessing Geometry for Quantum Computation: Lessons from Nodal-Line Materials. Knowledge Commons. https://doi.org/10.17613/w6vmd-4vb84
- 65. Keçeci, M. (2025). Quantum Information at the Edge: Topological Opportunities in Nodal-Line Materials. figshare. https://doi.org/10.6084/m9.figshare.29484947
- 66. Keçeci, M. (2025). Nodal-Line Semimetals: Unlocking Geometric Potential in Quantum Information. WorkflowHub. https://doi.org/10.48546/workflowhub.document.36.1
- 67. Keçeci, M. (2025). From Weyl Fermions to Topological Matter: The Physics of Weyl Semimetals. Knowledge Commons. https://doi.org/10.17613/p79v7-kje79
- 68. Keçeci, M. (2025). Weyl Semimetals and Their Unique Electronic and Topological Characteristics. figshare. https://doi.org/10.6084/m9.figshare.29483816
- 69. Keçeci, M. (2025). Weyl Semimetals: Unveiling Novel Electronic Structures and Topological Properties. WorkflowHub. https://doi.org/10.48546/workflowhub.document.35.3
- 70. Keçeci, M. (2025). When Nodes Have an Order: The Keçeci Layout for Structured System Visualization. HAL open science. https://hal.science/hal-05143155; https://doi.org/10.13140/RG.2.2.19098.76484
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Affiliation Scientific Journals, Duty at International Scientific Publications

Reviewer (~30 International Scientific Journal, 2011 - ***, >100 English, Turkish articles)

International Scientific Programs: Member of Technical Program Committee (TPC)

The 2016 International Conference on Biological Information and Biomedical Engineering. September 24-26, 2016, Qingdao, China

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26th IEEE Signal Processing and Communications Applications Conference (SIU), Conference Proceedings Committee Member (3 Articles): 2-5 May 2018, Çesme/Izmir, Türkiye

2nd International Conference and Exhibition on Nanotechnology, Nano San Diego 2018, Organizing Committee, November 19-21, 2018, USA

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Internships, Courses, Certificates

- 1. Module 2. Quantum Algorithms to Solve Partial Differential Equations, The Washington Institute for STEM, Entrepreneurship and Research, 06/08/2025, https://www.virtualbadge.io/certificate-validator?credential=f58c5aa0-8734-44a7-b5f5-28be52f72ddd
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- 4. Introduction to Quantum Computing, Completion certificate, D-Wave, 21.06.2025

- 5. Introduction to Artificial Intelligence (2023), LinkedIn Learning, National Association of State Boards of Accountancy (NASBA), 18.06.2025,
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- 9. Quantum Computing & Programming, Diploma Number: QBronze153-27, QWorld, Qiskit, CRS4, DLAB, February 2025, QItaly153
- 10. Destek AFAD Gönüllüsü Eğitimi, 25 saat, 10-14.02.2025, Katılım Belgesi, Belge No: 32184, Ümraniye AFAD, İstanbul, T.C. İstanbul Valiliği İl Afet ve Acil Durum Müdürlüğü, 14.02.2025
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- 12. Elements of Quantum Computing and Programming, QCourse501-2-88, QWorld, September 2024- December 2024
- 13. Gradle Build Caching with Develocity, Gradle Inc., Diploma Number: d1a09899-d943-4235-b5a7-1fed0d3a2e11, 2024
- 14. Gönüllü Oryantasyon Semineri, Türk Kızılay Akademi, Diploma Number: sJacJt6FFB
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- 16. NASA-National Aeronautics and Space Administration, NASA Open Science
- 17. Basics of Quantum Information, IBM, 01.11.2024, Diploma Number: 6155bf93-65f9-4b1f-9640-5ca7380b4a87
- 18. Mendeley Advisor, 2024
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- 20. Ingenii QML for Medical Imaging Course, 25.11.2024
- 21. Ingenii Quantum Machine Learning Fundamentals Course, 08.10.2024
- 22. Quantum with String Diagrams, Diploma Number: Quantum with String Diagrams1-16, Quantum Barsaat 2024, QWorld & QPakistan, August 2024
- 23. QCobalt, Quantum Annealing, Quantum Barsaat 2024, QWorld & QPakistan, Diploma Number: QCobalt6-18, July 2024
- 24. QBronze Using Qiskit, Quantum Computing & Programming, Quantum Barsaat 2024, QWorld & QPakistan & Qiskit, Diploma Number: QBronze137-25, July 2024
- 25. QPrep: Preparation for Quantum Computing & Programming, Quantum Barsaat 2024, QWorld & QPakistan, Diploma Number: QPrep14-32, July 2024
- 26. Quantum Annealing, QClass23/24, Diploma Number: QCobalt4-21, University of Latvia Faculty of Computing, QWorld, May 2024
- 27. Topological Quantum Computing, QClass23/24, Diploma Number: QTitanium1-28, University of Latvia Faculty of Computing, CQTech, QWorld, May 2024
- 28. Quantum Error Correction (QEC), QClass23/24, Diploma Number: QZinc2-27, University of Latvia Faculty of Computing, QWorld, May 2024
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- 32. Quantum Computing Hardware Certificate, Global Quantum Program 2023, Womanium
- 33. Quantum Computing & Programming, Womanium Global Quantum Program 2023, QNickel Diploma, Womanium, QWorld, QNickel7-52
- 34. Introduction to Programming with Neutral Atoms Certificate, QuEra Computing Inc. & Womanium, July'23
- 35. Quantum Key Distribution (QKD), QMercury Diploma, Womanium Global Quantum Program 2023, Womanium, QWorld, 2023
- 36. Quantum Computing & Programming, Womanium Global Quantum Program 2023, QNickel Diploma, Womanium, QWorld
- 37. Quantum Error Correction (QEC), QZinc, Womanium Global Quantum Program, QWorld, 2023
- 38. Quantum Computing Software Certificate, Womanium Quantum Global Quantum Program, 2023
- 39. QHack 2023 Certificate (Advanced), Xanadu

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- 41. Quantum Computing & Programming, Womanium Global Quantum Computing & Entrepreneurship Program, Aug 2022, Diploma Number: QSilver14-50, QWorld
- 42. Monkeypox: Introductory course for African outbreak contexts, OpenWHO, WHO, 05.25.2022
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- 44. İşyerlerinde Acil Durum Yönetimi, ISG-2021-280952, İstanbul Sanayi Odası (Istanbul Chamber of Industry), İSO, İSOAkademi, 11.2021-12.2021
- 45. Quantum Computing & Programming, Diploma Number: QBronze72-27, QWorld, Qiskit, December 2021, QTurkey
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- 47. Quantum Computing & Programming, QBronze (QBronze65-19, QLibya, 2021 & QBronze72-27, QTürkiye, 2021 & QBronze137-25, QPakistan, 2024 & QBronze153-27, QItaly, 2025), QSilver (QSilver4-8, QTürkiye & QSilver7, QPakistan & QSilver12, QLibya, QSilver14-50 (<Womanium Quantum>)), QWorld, 2021-22; Quantum Computing Hardware Certificate, Womanium Quantum 2022: Global Quantum Computing & Entrepreneurship Program
- 48. IEEE Quantum AI Sustainability Symposium, IEEE Quantum, September 01, 2021
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- 54. Mote Certified Educator, 27.07.2021
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- 58. Certified, Kızılay (Red Crescent), 2021
- 59. Basic Training for ISO 45001:2018 Occupational Health & Safety Management Systems, Sigmacert, 09.05.202
- 60. Theme 1: Uniting Funders, Doers, and Custodians of Research to Strategically and Comprehensively Advance Quality Gender Research for SDGs, Elsevier, 2021
- 61. Sustainable Development Goals for Researchers, Elsevier, 2021
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- 67. Newsela Certified Educator Program, Newsela Learning, 18.01.2021 https://verify.skilljar.com/c/p552dp5oqc5y
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- 71. ISO 9001:2015 Kalite Yönetim Sistemi Temel Eğitimi (Quality Management System Basic Training), Sigmacert, 05.11.2020
- 72. Certified Edjineer, 2020
- 73. Sountrap Certified Educator & Expert, 2020
- 74. Adobe Creative Educator (Trendsetter, 12 Certificates, 13 Badges), 2020
- 75. Julia for Data Science, JuliaAcademy, 2020 (Introduction to Julia, Getting Started with JuliaAcademy, Foundations of Machine Learning, Deep Learning with Flux.jl, Parallel Computing, The World of Machine Learning with Knet)
- 76. Learning Python, Sep 20, 2020, LinkedIn Learning, Certificate Id: Ad8kqQiVh5o8TYDezjyyeWaHuCpB, https://www.linkedin.com/learning/certificates/be80476d7cceb1ae0b14736dcdab70d163a6b33 9815af5ad73dbf0f44d9ad41e
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- 78. BTK Academy (3 Participation Certificates, 4 Completed Courses), 2020 (Google Dijital Vatandaşlık ve Çevrim İçi Güvenlik, Bilgi Teknolojileri İletişim Kurumu, BTK Akademi, 10.09.2020)
- 79. Nearpod Certified Educator, 18.08.2020
- 80. Azure Quantum Developer Workshop, The Azure Quantum Team, 2020
- 81. Make your data accessible -It's Not FAIR! Improving Data Publishing Practices in Research,
- 82. Elsevier, 2020
- 83. Building trust and engagement in peer review, Elsevier, 2020
- 84. How to prepare a proposal for a review article, Elsevier, 2020
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- 88. Fundamentals of manuscript preparation, Elsevier, 2020
- 89. How to write an abstract and improve your article, Elsevier, 2020
- 90. Guide to reference managers: How to effectively manage your references, Elsevier, 2020
- 91. Systematic reviews 101, Technical Writing Skills, Elsevier, 2020
- 92. Using proper manuscript language, Writing Skills, Elsevier
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- 95. Techniques for Publishing in Transformative Ground-Breaking Journals, Cell Press, Elsevier
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- 97. How to prepare your manuscript, Fundamentals of Manuscript Preparation, Elsevier
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- 100. Efficient Literature Search (Physical Sciences), Elsevier Türkiye Webinar
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- 106. ORSAM Summer School on Middle Eastern Affairs, 21-24.09.2020
- 107. ePROTECT Respiratory Infections, May 8, 2020, OpenWHO, World Health Organization
- 108. Mechanical Ventilation for COVID-19, 16.04.2020, Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.
- 109. Personal Stress Management Program, 11.04.2020, Ministry of Interior, Disaster and Emergency Management Directorate (AFAD)
- 110. Crisis Management Program, 10.04.2020, Ministry of Interior, Disaster and Emergency Management Directorate (AFAD)
- 111. Leadership Program, 08.04.2020, Ministry of Interior, Disaster and Emergency Management
- 112. Directorate (AFAD)
- 113. COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response, March 29, 2020, OpenWHO, World Health Organization
- 114. How to learn a language, Kiron, 2020
- 115. Introduction to Psychology, Psychological First Aid (PFA), Kiron, 2020
- 116. Nodes Program Used in Search and Rescue Activities, 28.01.2020, Ministry of Interior, Disaster and Emergency Management Directorate (AFAD)
- 117. Disaster Awareness Training Program for Individuals and Families, 28.01.2020, Ministry of Interior, Disaster and Emergency Management Directorate (AFAD)
- 118. Flipgrid Certified Educator, 2019
- 119. Unleash creativity with MakeCode and Minecraft: Education Edition & My M. Journey, Code Builder, Example M. Lesson, Classroom Management, Multiplayer, World Setup, Microsoft, 2018
- 120. Physical computing for the non-computer science educator, Microsoft, 2018
- 121. Computational Thinking and its importance in education, Microsoft, 2018
- 122. How to Infuse Computational Thinking in your Teaching with Maker Challenges, Microsoft, 2018
- 123. Getting started with Azure for Education, Microsoft Education, 2018
- 124. OneNote Staff Notebook: Tools for staff collaboration, Microsoft, 2017

- 125. OneNote Class Notebook: A teacher's all-in-one notebook for students, Microsoft, 2017
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- 127. Streamline efficiency with Office 365 apps, Microsoft, 2017
- 128. Microsoft Forms: Creating Authentic Assessments, Microsoft, 2017
- 129. Teach Student-Led Computer Science Advocacy, Microsoft, 2017
- 130. Working with a visual learning tool (Sensavis). Microsoft, 2017
- 131. Microsoft Innovative Educator Expert 2017-2021
- 132. Microsoft Master Trainer, 2016-2021
- 133. Skype in the Classroom Expert. Microsoft, 2017
- 134. LEGO® MINDSTORMS® Education EV3. Microsoft, 2017
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- 141. Best Online Excel Training | Best Shortcuts in 30 mins, 02.24.2017, by Yoda Learning, Udemy
- 142. Deploying Android Apps to Different App Stores Correctly!, 02.26.2017, by Jason Low, Udemy
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- 145. Udemy LIVE 2016, 02.24.2017, by Udemy Instructor Team, Udemy
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- 149. The biography of Prophet Muhammad part 1, 03.12.2017, by Islamic Guidance, Udemy
- 150. CK-12 Certified Educator. CK-12 Foundation, 2018-2022
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- 152. Windows 10 and Classroom Agility. Microsoft, 2017
- 153. Introduction to Microsoft Teams, Microsoft, 2017
- 154. The Student Teacher Education Program, Microsoft, 2017
- 155. Reimagine the writing process with Microsoft in Education, Microsoft, 2017
- 156. Creating a digitally inclusive learning community, Microsoft, 2017
- 157. Microsoft DevOps200.3: Continuous Integration and Continuous Deployment, 10.06.2017, Certification Number: 49bde4faf53f40abb6b0ac51961fc451
- 158. Training teachers to author accessible content. Microsoft, 2017
- 159. Problem-Based Learning. Microsoft, 2017
- 160. Online Marketing Basic Training. TOBB, İŞKUR, ÇSGB Ministry confirmed (Türkiye), Google Dijital Atölye (Digital Garage), 2017 (Dijital Pazarlamanın Temelleri, Google Dijital Atölye, Google EMEA, IAB Europe, Certificate No: LBB N26 W8Q)
- 161. Teaching Sustainable Development Goals. Microsoft, 2017
- 162. Introduction to Kodu. Microsoft, 2017
- 163. TweetMeet. Microsoft, 2017
- 164. Make What's Next Through Collaboration, Citizenship, and Creative Thinking. Microsoft, 2017
- 165. Design, Deploy & Transform Workshop. Microsoft, 2017

- 166. MIE Trainer. Microsoft, 2016
- 167. Teacher academy: Windows 10. Microsoft, 2016
- 168. Digital Inking with Surface. Microsoft, 2016 145. Digital Citizenship. Microsoft, 2016
- 169. Step up to Computer Science.
- 170. Occupational Safety Specialist, OSS-C, Ministry of Labour and Social Security of the
- 171. Republic of Türkiye, 2016
- 172. Certified Microsoft Innovative Educator. Microsoft, 2016
- 173. Teacher academy: Windows 10. Microsoft, 2016
- 174. Digital Inking with Surface. Microsoft, 2016
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- 177. Amplifying Student Voice. Microsoft, 2016 154. Microsoft Imagine Academy. Microsoft, 2016
- 178. Prepare to Teach Creative Coding Through Games and Apps. Microsoft, 2016
- 179. Teacher Academy: Office 365. Microsoft, 2016
- 180. Introduction to Microsoft Classroom. Microsoft, 2016
- 181. Hour of Code: Facilitation Training and Lots of Resources! Microsoft, 2016
- 182. Teacher Academy: OneNote, The Ultimate Collaboration Tool. Microsoft, 2016
- 183. Technology Enriched Instruction. Microsoft, 2016 161. Educator Community Contributor. Microsoft, 2016 162. Educator Community Influencer. Microsoft, 2016
- 184. 21st Century Learning Design. Microsoft, 2016
- 185. Microsoft in Education. Microsoft, 2016
- 186. Microsoft in the Classroom. Microsoft, 2016
- 187. MIE Trainer Academy Learning Path. Microsoft, 2016
- 188. Teaching with Technology 2016. Microsoft, 2016
- 189. Teaching with Technology Basics. Microsoft, 2016
- 190. Minecraft Certified Educator, Minecraft, 2016
- 191. Certified Web Solutions Provider: Web Çözümleri Sağlayıcısı Sertifikası, ResellerClub University, 2016
- 192. Occupational Safety and Health (OSH, Marmara University), 2015
- 193. 120 Hour English Course (Dilko), 2005
- 194. Master Computer Teacher Certificate from M.E.B. (National Education Ministry), 2000
- 195. Expert Computer Teacher Certificate from Governorship (Yalova & Istanbul), 2000
- 196. Pedagogical Formation (University of Kocaeli), 1998
- 197. Astronomy Course (University of Ege), 1997
- 198. 720 Hour English Course (University of Kocaeli), 1993-1994
- 199. Electric Counter Attention T.E.K. (Türkiye Electric Corporation) (Internship), 1993
- 200. Enamelled Wire Production, EMTEL (Internship), 1992
- 201. Arabic Language Certificate I., II. Level, Egypt, Arab Radio, 1991
- 202. ~1000 Badges & Certificates: 79 Elsevier, PennyLane (3 Certificate, 22 Badges) (https://pennylane.ai/profile/mkececi), B+C Microsoft Education 858 modules, 516 badges, 95 trophies, 1 reputation (https://learn.microsoft.com/en-us/users/mkececi/), 16 MVA, 30 Google, 3 ResellerClub, 3 Firefox, 1 WordPress, 3 Minecraft, 7 Fedora, 43 Spiceworks, 10 Edmodo, 27B+1C European Schoolnet, 30 Sociabble, 12 Udemy, 21 Brighttalk, 4 OpenWHO, Columbia+ (2C, 6B, https://badges.plus.columbia.edu/profile/mehmetkeeci404433/wallet), LinkedIn Learning (8C), Badgelist (27B, https://badgelist.com/u/mkececi), Credly (28B, https://www.credly.com/users/mkececi), BTK Akademi (5C), Accredible (5 C+B,

https://www.credential.net/profile/mkececi/wallet), Badgr (151B,

https://api.badgr.io/public/collections/55f6069cb6a8861abd957632b5a465a9) etc.

Information Technology Competency

- 1. MS Office (Word, Excel, PowerPoint, Access, OneNote, Publisher, Sway) (97-***), Libre Office, Open Office
- 2. OSs: Linux (Ubuntu, Fedora etc. 1999-***), Windows 10-11 (1990-***)
- 3. Programming: Quantum Computing, Python, Julia, Lua, Fortran, C/C++/C++ Builder, Java,
- 4. C#, Perl, BioPerl, BioPython, R, RStudio, Statistica, PyCharm, IPython, Anaconda (Miniconda, Miniforge, nteract), Visual Studio Code, JupyterLab, Notebook Lab, Wing IDE, SciPy, Panda, etc.
- 5. Web Languages: Html, Asp, Asp.Net, PHP, Java Script, VBScript (1999-***)
- 6. Scientific Programs: Strong background in mathematics and ability to use software like MATLAB, Maple, Mathematica, and C++ to conduct mathematical, and numerical analysis. Physics, Astrophysics (Astropy), Mathematics, Bioinformatics, Statistics (Tableau, Power BI, SPSS, PSPP, Salstat), etc. (1994-***)
- 7. Virtualization (VirtualBox, VMware)
- 8. Web Server: IIS, WebMatrix, Web PI, XAMPP, cPanel, phpMyAdmin, etc.
- 9. Hardware, Internet, Network, CMS (WordPress, Joomla), LMS (Articulate, Quizmaker, ClassMaker) etc.
- 10. Translations Tools: Virtaal, Poedit
- 11. Open Journal Systems (OJS), Open Monograph Press (OMP), Open Conference Systems (OCS), Open Harvester Systems (OHS)
- 12. Quantum Computing

Research Areas

Quantum Field Theory (QFT), Instanton, Conformal Field Theory (CFT), High Energy Physics (HEP), Particle Physics, High Magnetic Fields, Hydrocarbons Behaviour, Biophysics, Astrophysics, Cosmology, Cosmogony, Bioinformatics, Nanotechnology, Programming Languages, Web Servers, Information Technology (IT), Software, Operating Systems (OSs), History of Science and Technology, Philosophy of Science, Ethics, Science and Technology Management, Leadership, Morals and Religion, Interdisciplinary Relationship, Health Information System (HIS), Occupational Safety, Data Bases, Big Data, Superconductivity, Medical Physics, Radioactivity, Internet of Things (IoTs), Mathematical Physics, Electronics, Intelligent Systems, Education, Physics Education, Philosophy of Physics, Book/e-Book Publish & Edit, CMS, SEO, E-Learning, LMS, L&D, Open Digital Badges, Blockchain, Topology of Fermions, Quantum Computing.

Authored scientific and general books in Turkish and English, published with ISBN

- 1. Türkçe Alıntılar: Turkish Proverbs, Turkish Ed., 03.2015, ISBN-13: 978-1507893340
- 2. Biyoenformatik I: Bioinformatics I, 23.03.2015, ISBN-13: 978-1511410755, Paperback/E-Kitap: E-Book/Kindle
- 3. Turkish Quotes I: Türkçe Alıntılar I, Turkish Ed., 07.04.2015, ISBN-13: 978-1511632331
- 4. Turkish Quotes II: Türkçe Alıntılar II, Turkish Ed., 09.04.2015, ISBN-13: 978-1511654913

- 5. Turkish Quotes III: Türkçe Alıntılar III, Turkish Ed., 09.04.2015, ISBN-13: 978-1511661447
- 6. Turkish Quotes IV: Türkce Alıntılar IV, Turkish Ed., 11.04.2015, ISBN-13: 978-1511685740
- 7. Turkish Proverbs I: Türkçe Özlü Sözler I, ISBN: 978-1-71669-557-5
- 8. Biyoenformatik 1: Bioinformatics 1, Tam Renkli, 16.05.2015, ISBN-13: 978-1511760904
- 9. Bioinformatics I: Introduction to Bioinformatics, English Ed., ISBN-13: 978-1511789127, Paperback/E-Kitap: E-Book/Kindle
- 10. Bioinformatics 1: Introduction to Bioinformatics, English Ed., Full Color, 18.04.2015, ISBN-13: 978-1511789882, Paperback/E-Kitap: E-Book/Kindle
- 11. Student Bingo: Öğrenci Bingosu, ISBN-13: 978-1512034516
- 12. Student Buzzword: Öğrenci Buzzwordu, ISBN-13: 978-1512050837, Paperback/E-Kitap: E-Book/Kindle
- 13. Türkçe Alıntılar: Turkish Quotes, ISBN: 9781312916296, E-Kitap: E-Book
- 14. Turkish Quotes: Türkçe Alıntılar, ISBN: 9781312986565, E-Book
- 15. Türkçe Özlü Sözler, ISBN: 9781311398024, E-Kitap: E-Book/EPUB/Kindle
- 16. Simetri I: Symmetry I, ISBN-13: 978-1512392159
- 17. Kâf Dağı Operasyonu: Entropy Operasyonu, ISBN-13: 978-1514159194
- 18. Toplumsal Kanser: Social Cancer, ISBN-13:978-1514304594
- 19. Turkish Quotes V: Türkçe Alıntılar V, Turkish Ed., 21.07.2015, ISBN-13: 978-1515170617
- 20. Turkish Quotes VI: Türkçe Alıntılar VI, Turkish Ed., 19.09.2015, ISBN-13: 978-1517382520
- 21. Çocukların Meslek Seçimi: Ne olmak istiyorsunuz?, Turkish Ed., 16.09.2015, ISBN-13: 978-1517382643
- 22. Abstract Thought & Analytic Thinking Quotes, English Ed., 26.11.2015, ISBN: 978-
- 23. 1519559340, Paperback, E-Kitap: E-Book/Kindle
- 24. Beginning Bioinformatics: Presentation to Bioinformatics, English Ed., 26.01.2016, ISBN: 978-1530196067, Paperback/E-Kitap: E-Book/Kindle
- 25. Turkish Quotes VII: Türkçe Alıntılar VII, Turkish Ed., 14.05.2016, ISBN-13: 978-1533268440
- 26. Quotes of Mehmet Keçeci: Mehmet Keçeci'nin Sözleri, Turkish Ed., 11.08.2016, ISBN-13: 978-1537032986
- 27. Turkish Quotes VIII: Türkçe Alıntılar VIII, Turkish Ed., 11.08.2016, ISBN-13: 978-1537033044
- 28. Turkish Quotes IX: Türkçe Alıntılar IX, Turkish Ed., 20.10.2016, ISBN-13: 978-1539645337
- 29. Info & Data: Bilgi & Veri, English & Turkish Ed., 08.11.2016, ISBN-13: 978-1539999393, Paperback/E-Kitap: E-Book/Kindle
- 30. Words: Kelimeler, Turkish Ed., 08.11.2016, ISBN-13: 978-1539999478
- 31. Düşündüren Alıntılar: Thought Quotes, Turkish Ed., E-Kitap: E-Book, 15.11.2016, ISBN: 1230001428698
- 32. Turkish Quotes X: Türkçe Alıntılar X, Turkish Ed., 25.04.2018, ISBN-13: 978-1717427106
- 33. A Guide to Bioinformatics Tools, English Ed., 18.04.2019, ISBN-13: 978-1095163856
- 34. Bioinformatics Tools, English Ed., 25.04.2019, ISBN-13: 978-1095890714
- 35. Farkındalık: Awareness (Bilgeliğin İlk Adımı: First Step of Wisdom), ISBN: 9781715682897/Cream & ISBN: 9781034696032/White, Blurb
- 36. Çocukların Meslek Seçimi: Job Choice for Kids (Ne olmak istiyorsunuz?: What do you want to be?), ISBN: 9781715785901, Blurb
- 37. Türkçe Alıntılar I: Turkish Quotes I (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034080497, Blurb Books
- 38. Türkçe Alıntılar II: Turkish Quotes II (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034150886, Blurb
- 39. Türkçe Alıntılar III: Turkish Quotes III (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034153115, Blurb

- 40. Türkçe Alıntılar IV: Turkish Quotes IV (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034153986, Blurb
- 41. Türkçe Alıntılar V: Turkish Quotes V (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034155720, Blurb
- 42. Türkçe Alıntılar VI: Turkish Quotes VI (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034155805, Blurb
- 43. Türkçe Alıntılar VII: Turkish Quotes VII (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034156529, Blurb
- 44. Türkçe Alıntılar VIII: Turkish Quotes VIII (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034156543, Blurb
- 45. Türkçe Alıntılar IX: Turkish Quotes IX (Bilgeliğin Yapı Taşları: Building Blocks of Wisdom), ISBN: 9781034158806, Blurb
- 46. Aşkın Anatomisi: Anatomy of Love, ISBN: 9781034515982, Blurb
- 47. Küresel Gambit: The Global Gambit, ISBN: 9781006625435, Blurb
- 48. Keçeci, M. (2021). Öz Farkındalık: Mindfulness (Bilgeliğin Üçüncü Adımı: Third Step of Wisdom), ISBN: 9781034850311, Blurb
- 49. Digital Art Therapy I, 03.03.2023, ISBN: 9798211486119, Blurb

Certificate of Honor

- 1. Electric Power System Research. Certificate of Reviewing Awarded July 2015 (60 reviews) presented to Mehmet Keçeci in recognition of the review contributed to the journal. The Editors of Electric Power System Research. Elsevier Reviewer Recognition. 2025
- 2. Certificate of Appreciation, Kalem College, 2006
- 3. Certificate of Appreciation: T.C. Naval Forces Command, 08.09.2004
- 4. Certificate of Appreciation, Ümraniye National Education Directorate, 2004
- 5. Plaque of Appreciation, İrfan College, 2003-2004
- 6. Certificate of Appreciation, Ümraniye National Education Directorate, 2003

Book Links

- 1. https://www.blurb.com/user/mkececi
- 2. https://www.amazon.com/stores/author/B00WH281P0
- 3. https://www.kobo.com/us/en/ebook/dusunduren-alntlar
- 4. https://www.lulu.com/spotlight/mkececi
- 5. https://www.overdrive.com/creators/937291/mehmet-kececi
- 6. https://books.apple.com/us/author/mehmet-ke%C3%A7eci/id1014080843
- 7. https://draft2digital.com/book/894352
- 8. https://draft2digital.com/book/2932509
- 9. https://www.smashwords.com/profile/view/mkececi

Scientific Links

- 1. https://orcid.org/0000-0001-9937-9839
- 2. https://www.researchgate.net/profile/Mehmet-Kececi
- 3. https://independent.academia.edu/MehmetKececi
- 4. https://dergipark.org.tr/tr/pub/@mkececi
- 5. https://www.webofscience.com/wos/author/record/H-7476-2014
- 6. https://inspirehep.net/authors/1361774

- 7. https://scholar.google.com/citations?user=PleXSXMAAAAJ
- 8. https://www.scopus.com/authid/detail.uri?authorId=39762289000
- 9. Web of Science ResearcherID: H-7476-2014
- 10. ORCID: 0000-0001-9937-983911. Scopus Author ID: 39762289000
- 12. Loop profile: 90535513. SciProfiles: 110585
- 14. Ciência ID: 411D- 32F4-237F

Reviewer List

- 1. Electric Power System Research. Certificate of Reviewing Awarded July 2015 (60 reviews) presented to Mehmet Keçeci in recognition of the review contributed to the journal. The Editors of Electric Power System Research. Elsevier Reviewer Recognition. 2025
- 2. Cyborg and Bionic Systems, SPJ (Science Partner Journals), AAAS (American Association for the Advancement of Science), 2023 (6 reviews)
- 3. Reviewer (30 International Scientific Journal, 2011 ***, >100 English, Turkish articles)

Digital Badges & Certificates

- 1. https://www.credly.com/users/mkececi
- 2. https://api.badgr.io/public/collections/55f6069cb6a8861abd957632b5a465a9
- 3. https://badgr.com/public/issuers/yP8s p1 RW2xLbBXM NL0Q/badges
- 4. https://www.credential.net/profile/mkececi/wallet
- 5. https://openbadgepassport.com/app/profile/15961
- 6. https://edex.adobe.com/community/member/ 9cgemrxj
- 7. https://badgelist.com/u/mkececi
- 8. https://badgelist.com/u/Mehmet-Kececi
- 9. https://www.linkedin.com/learning/certificates/47b23dc546a920aa98f813617e795e8ea9e034 f99ad58a78cc68e794c72d5eac
- $10.\ https://www.linkedin.com/learning/certificates/bfd9e11dc7c9a6044f5074f2bd5dbf6bd48e4688f539a650f8a3686fcd7d7538$
- 11. https://www.linkedin.com/learning/certificates/be80476d7cceb1ae0b14736dcdab70d163a6b3 39815af5ad73dbf0f44d9ad41e
- 12. https://www.linkedin.com/learning/certificates/048fd7c6079df7c079fa6fa64648d2a9dfec1e4 dcd7a5ed8e524ee7afa8e6fda
- 13. https://badges.plus.columbia.edu/4e747f60-0ebc-423c-a7ac-ff8ab8da3f0d
- 14. https://badges.plus.columbia.edu/18f4fbec-2b56-41b0-8460-f4a61a58d5ed
- 15. https://mcusercontent.com/725f07a1d1a4337416c3129fd/images/df50a12c-8605-99c3-4a6f-a6223364cd3c.png
- 16. https://verify.skilljar.com/c/p552dp5oqc5y
- 17. https://verify.skilljar.com/c/k86h2o7qxjbg
- 18. https://verify.skilljar.com/c/tqo7aiesb6tr
- 19. https://verify.skilljar.com/c/6ii26u8oqke7
- 20. https://verify.skilljar.com/c/shkbvnp3eyq5
- 21. https://verify.skilljar.com/c/cgvzjyvboprs
- 22. https://verify.skilljar.com/c/ex9egmt93aqf

- 23. https://verify.skilljar.com/c/wvyzyrmo8n7i
- 24. https://verify.skilljar.com/c/gafbb2325b9a
- 25. https://pennylane.ai/profile/mkececi
- 26. https://learn.microsoft.com/en-us/users/mkececi
- 27. https://badges.plus.columbia.edu/profile/mehmetkeeci404433/wallet
- 28. https://www.coursera.org/user/f50fe5dc943341246de13b30169ed87d
- 29. https://www.brighttalk.com/mybrighttalk/recently-viewed
- 30. https://wakelet.com/@mkececi
- 31. https://medium.com/@mkececi
- 32. https://www.growkudos.com/profile/Mehmet_Ke%C3%A7eci
- 33. https://anaconda.org/bilgi
- 34. https://pypi.org/user/WhiteSymmetry
- 35. https://github.com/WhiteSymmetry
- 36. https://osf.io/j9f5c/
- 37. https://figshare.com/authors/Mehmet Ke eci/14301782
- 38. https://www.goodreads.com/author/show/12062046.Mehmet Ke eci
- 39. https://hcommons.org/members/mkececi
- 40. https://cv.hal.science/mehmet-kececi
- 41. https://digitalworld.coursify.me

100% completed:

- a. Aerospace Propulsion
- b. Aerospace Engineering
- c. VCE Physics Astronomy Course
- d. Special Class through NASA
- e. Teaching Astronomy Online
- f. Flight mechanics The basis