Dr. Michail Lazos

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Professional Summary

Seasoned Artificial Intelligence Engineer with extensive expertise in designing and deploying advanced neural networks, predictive analytics, and machine learning models to solve complex business challenges.

Demonstrated success in leveraging machine learning to optimize algorithms, enhance AI-driven decision-making, and integrate quantum computing applications. Adept at utilizing Python, C++, and various data science tools to develop innovative AI solutions, improve data-driven insights, and elevate enterprise performance. Experienced in leading AI research initiatives, model evaluation, and deep learning projects that drive business value. Proven track record of collaborating across cross-functional teams to align AI solutions with business needs and deliver measurable results. Skilled in applying AI to cybersecurity enhancements, natural language processing (NLP), and autonomous systems.

Areas of Expertise

Artificial Intelligence Development | Machine Learning Optimisation | Neural Network Architecture | Predictive Analytics | Data Science & Statistical Analysis | Algorithm Design & Improvement | Quantum Computing Integration | Natural Language Processing (NLP) | Deep Learning Applications | Cybersecurity Enhancements using AI | Computer Vision Techniques | Autonomous Systems Development | AI-Driven Decision-Making | Research & Innovation in AI | Model Evaluation & Validation | Quantum Field theory | General and Special Relativity | Differential Geometry | Statistics | Financial mathematics | Mathematics | Physics | Particle Physics | Astrophysics | Theoretical Physics | Experimental Physics | Neutrino Physics |

Technical Skills: MS Office XP | MS Windows | FORTRAN | C++ | Python | BASH scripting | PC/Electronics Repair & Maintenance | UNIX (Sun Solaris) | Linux (various distros) | MacOS | Mathematica | MATLAB | LaTeX | Advanced Templates | Multithreading | Algorithm Development | Particle Physics Data Analysis | ROOT Framework | SQL Databases | NoSQL Databases | Database Optimisation

Education

PhD in Particle Physics | University of Liverpool (2017)

- Contributed to the T2K experiment and the Liquid Argon (LAr) lab at the University of Liverpool's Physics Department.

Masters in Physics | Imperial College of London (2009)

- Completed a 4-month MSc project studying the rare B meson decay (B to ΦΦ), calculating the upper limit and fitting data from the BABAR detector using ROOT and C++.

Masters in Astrophysics | University of Geneva & Porto CAUP (2007)

- Earned an MSc in Physics with "Good with Distinction" (70-80%) after completing a 10-month thesis at Observatoire de Genève, analysing Integral satellite data to detect weak X-ray flares, and successfully defending the thesis.

Bachelor's Degree in Mathematics | Aristotle University of Thessaloniki (2005)

- Overall qualification of 8.1/10.

Professional Experience

Quantum Studies: Mathematics and Foundations, Springer Nature, UK **(Online / Remote)**

April 2026 to Present

Editor/Reviewer (Honorary Appointment).

Key Responsibilities:

- Conduct peer review of submitted manuscripts in quantum theory, mathematical physics, and foundational frameworks.
- Critically evaluate research for scientific rigor, originality, methodological soundness, and relevance to the field.
- Support editorial decision-making by providing structured, evidence-based assessments of submissions.
- Ensure adherence to high academic and ethical publication standards in line with journal policies.
- Engage with emerging research developments and contribute to maintaining the quality and integrity of the publication process.

Key Contributions:

- Contributed to the integrity of the peer-review process by delivering detailed and objective evaluations of research manuscripts.
- Supported the advancement of high-quality research in quantum foundations and mathematical physics.
- Strengthened academic quality assurance through rigorous assessment of theoretical and applied contributions.

University of Essex Online, UK **(Online / Remote)** **April 2026 to Present**

Senior Lecturer in Computer Science.

Key Responsibilities:

- Delivered higher education teaching at undergraduate and postgraduate level, supporting students in developing strong analytical, quantitative, and problem-solving skills.
- Planned, prepared, and delivered structured lectures and academic sessions in line with institutional quality assurance frameworks and academic policies.
- Maintained high professional and academic standards, including assessment, governance, student engagement, and effective learning support.
- Adapted teaching methods and instructional delivery to meet diverse programme needs and to support students from varied academic and cultural backgrounds.
- Used instructional technologies and online learning platforms effectively to enhance teaching delivery, student participation, and academic progression.

Key Contributions:

- Delivered high-quality teaching in technically demanding subjects, demonstrating strong academic communication and the ability to explain complex concepts clearly.
- Supported student success by fostering critical thinking, quantitative reasoning, and disciplined academic practice across foundational and applied subjects.
- Strengthened academic provision through reliable, well-prepared teaching and consistent support for student learning outcomes.
- Brought research-informed and industry-informed perspectives into teaching, helping students connect theoretical knowledge with practical application.
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Manchester Innovation and Technology Academy – Dubai, UAE **February 2026 to Present**

Education Expert and AI Trainer (Military).

Key Responsibilities:

- Delivered technology and artificial intelligence training as an Education Expert, supporting military-focused education programmes within a regulated and security-conscious environment.
- Designed and delivered structured technology courses aligned with institutional requirements, operational needs, and applied AI use cases.
- Devoted full professional attention to teaching, curriculum delivery, and knowledge transfer in accordance with UAE labour law and organisational standards.
- Ensured strict compliance with confidentiality, intellectual property, and information security requirements across all teaching and training activities.

Key Contributions:

- Delivered advanced AI and technology training to military learners, translating complex technical concepts into structured, applied learning outcomes.
- Contributed to the academy's capability in emerging technologies by integrating AI concepts relevant to defence, security, and operational contexts.
- Supported the development of high-quality technology education through professional course delivery and continuous engagement with institutional leadership.
- Strengthened the academy's reputation for applied technology education through consistent, senior-level instructional delivery.

Q&A – Manchester, UK **(Online / Remote)** **January 2026 to Present**

Senior Lecturer.

Key Responsibilities:

- Delivered higher education teaching as a Senior Lecturer under a zero-hours academic contract, supporting undergraduate and postgraduate programmes.
- Planned, prepared, and delivered lectures and academic sessions in line with QAHE quality assurance frameworks and institutional policies.
- Maintained professional academic standards, including compliance with assessment, governance, and student engagement requirements.
- Adapted teaching delivery flexibly to meet institutional scheduling and programme needs.

Key Contributions:

- Delivered specialist academic teaching at senior lecturer level, reflecting subject-matter expertise and professional academic standing.
- Contributed to QAHE's teaching capacity through reliable, high-quality lecture delivery across computing and technology-related subjects.
- Supported student learning outcomes through clear instruction, academic guidance, and applied subject knowledge.
- Strengthened QAHE's academic provision by bringing industry-informed and research-informed perspectives into teaching delivery.

Salford City Council – UK, Salford **December 2025 to March 2026**

Senior AI Engineer for Salford City Council.

Key Responsibilities:

- Lead end to end AI solution design including architecture development, model training, optimisation, evaluation, and secure deployment.
- Develop machine learning and deep learning systems that support public sector services such as infrastructure planning, social care analytics, environmental monitoring, cybersecurity, and public safety.
- Design predictive models and real time analytics pipelines using statistical methods, neural networks, natural language processing, and computer vision.
- Work with multi disciplinary teams to identify opportunities for automation, improved workflows, and digital innovation.
- Implement responsible AI governance frameworks ensuring compliance with UK government policies, GDPR, and ethical AI standards.
- Develop secure AI architectures with a focus on adversarial robustness, model monitoring, and lifecycle management.
- Contribute to data engineering tasks including data quality, feature engineering, and integration of large structured and unstructured datasets.
- Collaborate with cybersecurity teams to ensure AI systems are protected against threats such as data poisoning, model tampering, and exploitation.
- Produce clear documentation, technical reports, and project guidance for internal stakeholders and leadership teams.
- Support long term digital transformation strategies and contribute to the council's AI roadmap, aligning emerging technologies with public needs.
- Lead research and pilot projects involving generative AI, autonomous decision systems, and AI enhanced operational services.

Key Contributions:

- Improving service delivery and resource planning through data driven insights
- Strengthening cybersecurity using machine learning based detection
- Supporting evidence-based policy making with high quality analytics
- Driving innovation across government operations
- Enhancing transparency and public trust through responsible AI practices

Bath Spa University (Elizabeth London School) – UK, Leeds Campus (onsite) **January 2025 to November 2025**

Lecturer in Computing and AI, Year 1 Leader, and Module leader for the BSU.

Key Responsibilities:

- Delivering high-quality lectures and workshops on Artificial Intelligence, Machine Learning, and Advanced Computing topics, ensuring students gain both theoretical knowledge and practical expertise.
- Designing and developing course materials tailored to university-level computing programs, with a focus on Python, machine learning algorithms, and neural network modelling.
- Supervising and mentoring undergraduate and postgraduate students, guiding them in research projects and hands-on applications of advanced computing technologies.
- Incorporating cutting-edge technologies like TensorFlow, PyTorch, and cloud-based AI tools to bridge academic concepts with real-world applications.
- Collaborating with interdisciplinary teams to align academic curricula with current industry trends and emerging technological advancements.
- Oversee curriculum delivery and academic quality for all Year 1 and Foundation Year modules in the BSc Computing programme.
- Lead and coordinate a team of module leaders and lecturers, providing ongoing guidance, support, and mentoring.

- Develop, update, and manage module content on Moodle to ensure alignment with university standards and accessibility for students.
- Organise and conduct regular meetings with teaching staff to monitor progress, share best practices, and address challenges in course delivery.
- Perform internal moderation and quality assurance for student assessments to maintain academic integrity and consistency.
- Design and deliver engaging lectures, tutorials, and workshops across multiple campuses, fostering a supportive learning environment.
- Coordinate industry engagement and student enrichment events to enhance employability skills and industry awareness.
- Provide individual academic guidance, pastoral care, and support to students, helping them achieve their full academic potential.

Key Contributions:

- Developed and introduced a new module on AI for Predictive Analytics, enabling students to explore applications of artificial intelligence in business and data-driven decision-making.
- Spearheaded a research initiative on deep learning models for cybersecurity applications, fostering collaborative opportunities between the university and external industry partners.
- Enhanced student engagement by incorporating interactive coding sessions and live demonstrations, fostering an applied understanding of AI technologies.
- Year 1 Leader responsible for overseeing 6 modules, ensuring alignment of course material and structure with the University Curriculum, and providing daily support and guidance to module leaders.
- Led the delivery of the Year 1 BSU Computing Programme, delivering lectures, tutorials, and comprehensive student support to drive assessment success.
- Foundation Year Leader and Module Leader for Computing Foundations, maintaining up-to-date module content on Moodle, mentoring other lecturers, and performing internal moderation of assessments across all campuses.
- Coordinated delivery and quality assurance of the Foundation Year Computing Programme, supporting staff and students and ensuring academic consistency across campuses.
- Organised industry engagement events for students, facilitating career advice, technical skills workshops, and networking opportunities with industry professionals.
- Actively developed and leveraged industry contacts to secure participation in student training, mentoring, and awareness initiatives.
- Proactively engaged in ongoing professional development to support the evolving needs of the BSc Computing programme and ensure delivery of high-quality teaching.

Neuranet Solutions – Cyprus (Hybrid) **October 2024 to January 2025**

Artificial Intelligence Engineer

Key Responsibilities:

- Design, develop, and deploy advanced neural network models in Python to address complex business challenges and enhance predictive analytics capabilities.
- Collaborate with AI research teams to innovate and refine machine learning algorithms to ensure alignment with project specifications and business objectives.
- Monitor and maintain AI systems to ensure optimal performance whilst conducting regular evaluations to identify and rectify discrepancies.
- Document all phases of AI development from model design to deployment and maintenance to ensure reproducibility and adherence to company standards.

Key Contributions:

- **Enhanced wildfire detection and potentially saved millions of lives globally** by developing an advanced AI system aimed at securing EU funding upon completion by January 2024.

Bamboo Works – (Online / Remote) **September 2024 to December 2024**
Data Analyst (Contract)

Key Responsibilities:

- Conduct comprehensive data analysis utilising advanced statistical methods and software tools to extract actionable insights that drive strategic decisions.
- Collaborate with cross-functional teams to understand business needs and deliver data-driven solutions and reports.
- Develop and implement data collection systems and other strategies that optimise statistical efficiency and data quality.
- Perform ad-hoc analysis and present results in clear, detailed reports to stakeholders at various levels.

Key Contributions:

- **Improved job-matching accuracy and expanded opportunities for users** by enhancing the database and implementing AI to align job seekers with roles suited to their skills.

Oxford Online School | EduCrafter College |King's College | A&J School – (Online / Remote) **September 2024 to present**
Mathematics & Physics Lecturer | Writer

Key Responsibilities:

- Instruct Mathematics and Physics online at various educational institutions, utilising interactive e-learning technologies to boost student engagement and comprehension.
- Develop and revise STEM course content at EduCrafter College by integrating advanced pedagogical methods and educational tools.
- Assess student progress, offer tailored feedback, and refine teaching strategies to elevate learning outcomes at both institutions.
- Authored and distributed a series of advanced mathematics e-books, widely adopted by educational institutions worldwide.
- Implemented virtual reality in physics courses, resulting in notable increases in course engagement and completion rates.

Key Contributions:

- **Boosted academic success for students with learning difficulties** by providing targeted support and guidance.

Military Academy – Doha, Qatar **October 2022 to September 2024**
Instructor Artificial Intelligence for Cyber security

Key Responsibilities:

- Instructed courses on Artificial Intelligence and Quantum Computing with a keen focus on advanced topics such as the Variational Quantum Eigen solver (VQE) algorithm, tailored to meet the needs of students in a military academy setting.
- Employed Python and NumPy to demonstrate practical applications of AI algorithms to enhance students' ability to apply theoretical knowledge in real-world scenarios.
- Developed and curated course content that bridged advanced mathematical principles with practical cybersecurity applications to prepare students for complex problem-solving in tech-driven fields.
- Integrated C++ in quantum computing courses to illustrate the performance benefits in quantum simulations, fostering a deeper understanding of computational efficiency.

Key Contributions:

- **Secured a remote work contract** by establishing an AI branch at the CyberSecurity College and developing 8+ lessons.

College School of Coding | Varsity College – London **(Online / Remote)** **September 2022 to August 2023**
Lecturer (online) in Python

Key Responsibilities:

- Designed and delivered online Python courses with a keen focus on foundational and advanced coding techniques, data structures,

and algorithm development.

- Utilised interactive e-learning platforms to provide instruction, assess student work, and facilitate engaging discussions and practical coding exercises.
- Adapted teaching materials and methods to suit the online learning environment to ensure high student engagement and comprehension levels.
- Monitored student progress through continuous assessments and tailored feedback to support individual learning paths and academic success.
- Collaborated with fellow educators to update curriculum and incorporate the latest industry trends and technologies into the course content.

Key Contributions:

- **Enhanced the college's reputation and growth** by delivering consistent, high-quality lessons.

NHS – North Devon **June 2021 to September 2022**

Configuration Analyst | On-Call Rotation & IT Support

Key Responsibilities:

- Configured, maintained, and optimised the NHS's Electronic Patient Record (EPR) system and associated IT infrastructure to enhance healthcare delivery.
- Conducted detailed data analysis and generated reports to provide actionable insights, presenting complex information to key stakeholders to facilitate informed decision-making.
- Collaborated with IT and clinical teams to align system updates with NHS strategic objectives to ensure seamless integration and optimal functionality.
- Managed system change requests and troubleshooting issues whilst contributing to the improvement of business processes and system efficiency.
- Developed, updated, and maintained comprehensive technical documentation to support system configurations, incident resolutions, and future upgrades.

Key Contributions:

- **Enhanced system reliability** by managing on-call rotations and resolving critical incidents under tight deadlines to ensure continuous availability of the EPR system.
- **Streamlined operations and boosted patient care** by spearheading collaborative initiatives with clinical teams to refine IT infrastructure and system practices.
- **Improved system availability by 35% and enhanced patient care** by reducing EPR system downtime through the implementation of a monitoring and alert system and better scheduling of updates.
- **Boosted clinical efficiency with a 20% improvement in query response times** by optimizing the data retrieval process, leading to faster decision-making and smoother healthcare delivery.

Freelance (Online / Remote) **September 2021 to Present**

Writer & Open-Source Contributor

Key Responsibilities:

- Craft scientific articles and technical documentation to enhance comprehension and accessibility for diverse audiences.
- Contribute to open-source projects using C++ and Python with a keen focus on performance enhancements, bug fixes, and database management systems.
- Develop features for open-source applications, specialising in query optimisation and data structuring to improve database functionality.
- Author comprehensive technical documentation for open-source contributions to ensure clarity and usability for developers and end-users.

Key Contributions:

- **Increased public engagement with natural sciences** by producing high-quality scientific articles that make complex topics accessible to a broader audience.
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Kaplan International College of London – United Kingdom **September 2020 to August 2022**

Lecturer

Key Responsibilities:

- Designed curriculum and course materials that align with the educational standards and goals of Kaplan International College to ensure relevant and up-to-date academic content.
- Assessed and evaluated student progress through assignments, tests, and examinations, providing timely feedback to support student academic growth.
- Facilitated support and guidance to enhance student learning and improve academic outcomes.
- Participated in faculty meetings and contributed to the improvement of educational programmes and practices at Kaplan International College.

Key Contributions:

- **Improved college operations** by ensuring smooth processes and volunteering to support colleagues as needed.

University of Liverpool – United Kingdom **September 2018 to August 2021**

Associate Researcher | Particle Physics Group

Key Responsibilities:

- Conducted in-depth research on neutrino interactions by utilising advanced particle physics methodologies at the University of Liverpool.
- Analysed experimental data to elucidate the properties and behaviours of neutrinos, contributing to the broader field of particle physics.
- Collaborated with a team of physicists and researchers to design and implement complex experiments focused on particle interactions.
- Authored and co-authored research papers summarising findings to enhance the academic profile of the Particle Physics Group.
- Presented research outcomes at international conferences to promote knowledge exchange within the global physics community.

Key Contributions:

- **Enabled global collaboration** by developing a Neural Network utilized by T2K colleagues from universities worldwide.

University of Liverpool – United Kingdom **September 2012 to August 2017**

PhD Research

Key Responsibilities:

- Utilised C++ to conduct simulations, perform data analysis, and develop algorithms for particle physics experiments.
- Managed and analysed large datasets using SQL databases to optimise queries for efficient data retrieval and analysis.
- Collaborated on the development and documentation of open-source scientific tools to enhance their adoption and utility in the research community.

Key Contributions:

- **Enhanced T2K collaboration efforts** by delivering an accurate measurement of a complex particle interaction.

Liverpool South Sefton College – United Kingdom **September 2016 to August 2017**

Substitute Mathematics Teacher

Key Responsibilities:

- Implemented interactive and effective teaching strategies to enhance student understanding and engagement in mathematics.
- Assessed and provided feedback on student progress to ensure alignment with educational standards and goals.
- Fostered an adaptive learning environment to accommodate diverse student needs and learning styles.

Key Contributions:

- **Improved exam success rates at Liverpool South Sefton College** by using interactive teaching methods that enhanced student understanding.
- **Increased student engagement and inspired continued mathematics studies** through motivational and interactive approaches.

Liverpool International College – United Kingdom **September 2015 to August 2017**

Mathematics & Physics Teacher

Key Responsibilities:

- Developed and executed detailed lesson plans in mathematics and physics to prepare students for university-level exams.
- Utilized various teaching methods to cater to different learning styles to improve student understanding and retention.
- Monitored student progress and implemented targeted interventions to promote academic success in preparatory courses.

Key Contributions:

- **Enabled international foundation-level students at Liverpool International College** to achieve exam success and secure university entry by applying tailored teaching strategies.
- **Boosted students' confidence and academic performance**, motivating many to pursue advanced studies in mathematics and physics.

London City Tutors – United Kingdom **September 2009 to October 2011**

Mathematics & Physics Tutor

Key Responsibilities:

- Provided tailored tutoring in mathematics and physics to students at GCSE, A-level, and university levels aimed at enhancing understanding and performance in these subjects.
- Developed customized lesson plans and instructional materials to meet the specific needs of diverse student groups.
- Assessed student progress through regular testing and assignments to provide detailed feedback to foster academic development.

Key Contributions:

- **Enabled international foundation and university students at London City Tutors** to excel in exams and assignments through personalized tutoring in mathematics and physics.
- **Improved academic performance and inspired further studies**, with many students achieving high scores and advancing in their academic careers.

Hackney Community College – United Kingdom **September 2009 to August 2010**

Teacher Assistant

Key Responsibilities:

- Assisted in teaching and preparing instructional materials for GCSE and A-level courses to focus on student engagement and understanding.
- Supported lead teachers in managing classroom activities and ensuring a conducive learning environment for all students.
- Contributed to the design and administration of tests and assignments to evaluate student performance and providing constructive feedback.

Key Contributions:

- **Achieved noticeable improvements in Year 8 to Year 12 students' exam results** by providing personalized assistance and engaging materials in mathematics.
- **Boosted students' confidence and academic performance**, motivating them to take their studies more seriously.

Stepney Green Mathematics & Computing College – United Kingdo **September 2008 to August 2009**

Mathematics Teacher

Key Responsibilities:

- Taught and developed curriculum for GCSE and A-level mathematics to enhance student understanding and performance.
- Integrated technology in teaching to increase student engagement and learning outcomes.
- Elevated students' exam success rate, with a marked increase in top-grade achievements.

Key Contributions:

- **Boosted Year 8 to Year 12 students' GCSE and A-level exam performance** through interactive teaching and technology integration, making complex topics more accessible.
- **Increased student confidence and interest in mathematics**, with many achieving top grades.

Private Tutor (Self/Freelance) – (Online / Remote) **September 20025 to Present**

Tutor in Mathematics & Physics

Key Responsibilities:

- Provide personalized tutoring in mathematics and physics to enhance academic outcomes for students at all levels.
- Design and adapt learning materials and strategies to meet individual student needs to achieve high success rates.
- Maintain a strong referral base due to a sustained record of student success, with many advancing to prestigious universities.

Key Contributions:

- **Achieved a 100% pass rate in mathematics and physics exams** by implementing personalized tutoring strategies; many students attained top grades.
- **Advanced students to prestigious universities and STEM programs** through targeted mentorship.
- **Improved students' academic performance and confidence** by developing customized tutoring methods.
- **Inspired students to pursue successful science and engineering careers** by fostering a passion for STEM subjects.
- **Built a strong referral network** through sustained student success and consistently positive feedback.

Certificates

Advanced Diploma in Training of Trainers| Alison

January 2026 – Advanced instructional design, learner engagement, and professional training delivery, CPD Certified.

Training of Trainers| Alison

January 2026 – Foundations of effective teaching, assessment, and structured training delivery, CPD Certified.

Additional Experience

Substitute Mathematics Teacher | Liverpool College, 2016

Teaching A level Mathematics & Physics | Liverpool International College, 2015

Teaching, 1st and 2nd year mathematics & Quantum Physics | University of Liverpool, 2011 – 2015

Tutor | London City Tutors, 2008 – 2011

Teacher Assistant | Hackney Community College, 2008

Teacher | Stepney Green (Mathematics & Computing college), 2008

Professional Development

Modules at AUTH: Astronomy 1 & 2 | Quantum Mechanics 1 & 2 | Mathematical Physics | Newtonian Mechanics | Astronomy Group

Courses at University of Porto: Analysis & Data Processing in Astronomy | Plasma Astrophysics | Interferometry | Stellar Atmospheres | Planetary Systems | Stellar Structure & Evolution | High Energy Astrophysics | Observational Cosmology | Formation & Evolution of Galaxies

Courses at Imperial College: Quantum Field Theory | Advanced Particle Physics | Lie Algebra and Lie Groups | Advanced Classical Mechanics | Foundations of Quantum Mechanics | General Relativity | Advanced Mathematics

Technical Proficiencies

MS Office XP | MS Windows | FORTRAN | C++ | Python | BASH scripting | PC/Electronics repair & maintenance | UNIX (Sun Solaris) | Linux (various distros) | MacOS | Mathematica | MATLAB | LaTeX | Advanced Templates | Multithreading | Optimisation Techniques | Algorithm Development | Particle Physics Data Analysis | ROOT Framework | SQL Databases | NoSQL Databases | Database Optimisation

Languages

English | Native

Greek | Native

French | Intermediate

Publications

Three-Dimensional Quantum Mechanics in the Energy Domain | A Time-Free Treatment of the Hydrogen Atom, Hadronic Journal, Vol. 49, No. 2, pp. 179–195, 2026, DOI: 10.29083/HJ.49.02.2026/SC179

From Time to Energy: A Time-Free Quantum Framework Proposal, International Journal of Quantum Foundations, Vol. 11, No. 4, pp. 688–712, 2025

Discovery of IGR J08408–4503 | multi-wavelength observations unveil its nature, Astronomy & Astrophysics manuscript, August 16, 2006

Discovery of a Gamma Ray Burst | GRB 060930: A long X-ray rich GRB detected by INTEGRAL, 06/09/30 10:17:58 GMT

Optical Readout of a Two-Phase Liquid Argon TPC | Using CCD Camera and THGEMs, arXiv:1401.0525 [physics. Ins-det], 20 Feb 2014

K. Abe et al. | Evidence of Electron Neutrino Appearance in a Muon Neutrino Beam, Phys. Rev. D 88, no. 3, 032002, 2013

K. Abe et al. | Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-axis Beam, Phys. Rev. Lett. 111, no. 21, 211803, 2013

K. Abe et al. | Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector, Phys. Rev. Lett. 113, no. 24, 241803, 2014

K. Abe et al. | Measurement of the inclusive νμ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam, Phys. Rev. D 90, no. 5, 052010, 2014

K. Abe et al. | Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector, Phys. Rev. D 89, 092003, 2014

K. Abe et al. | Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation γ rays, Phys. Rev. D 90, no. 7, 072012, 2014

K. Abe et al. | Observation of Electron Neutrino Appearance in a Muon Neutrino Beam, Phys. Rev. Lett. 112, 061802, 2014

K. Abe et al. | Precise Measurement of the Neutrino Mixing Parameter θ23 from Muon Neutrino Disappearance in an Off-Axis Beam, Phys. Rev. Lett. 112, no. 18, 181801, 2014

K. Abe et al. | Recent Results from the T2K Experiment, Nucl. Phys. B Proc. Suppl. 246-247, 23–28, 2014

K. Abe et al. | Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 detector, Phys. Rev. D 91, 112010, 2015

K. Abe et al. | Measurement of the ν charged-current quasielastic cross section on carbon with the ND280 detector at T2K, Phys. Rev. D 92, no. 11, 112003, 2015

K. Abe et al. | Measurement of the νμ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam, Phys. Rev. D 91, no. 11, 112002, 2015

K. Abe et al. | Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with 6.6×10^{20} protons on target, Phys. Rev. D 91, no. 7, 072010, 2015

K. Abe et al. | Neutrino oscillation physics potential of the T2K experiment, PTEP 2015, no. 4, 043C01, 2015

K. Abe et al. | Search for short baseline νe disappearance with the T2K near detector, Phys. Rev. D 91, 051102, 2015

K. Abe et al. | Measurement of Coherent π^+ Production in Low Energy Neutrino-Carbon Scattering, Phys. Rev. Lett. 117, no. 19, 192501, 2016

K. Abe et al. | Measurement of the muon neutrino inclusive charged-current cross section in the energy range of 1–3 GeV with the T2K INGRID detector, Phys. Rev. D 93, no. 7, 072002, 2016

K. Abe et al. | Upper bound on neutrino mass based on T2K neutrino timing measurements, Phys. Rev. D 93, no. 1, 012006, 2016

K. Abe et al. | First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector, Phys. Rev. D 95, no. 1, 012010, 2017

K. Abe et al. | Measurement of the single π^0 production rate in neutral current neutrino interactions on water, Phys. Rev. D 97, no. 3, 032002, 2018