

Christina Beneki

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EDUCATION AND QUALIFICATIONS

STUDIES

16/12/2002: PhD, Department of Mathematics, University of Patras, Greece.

25/07/1996: MSc in Theoretical Mathematics, Department of Mathematics, University of Patras.

27/07/1993: BSc in Mathematics, Department of Mathematics, University of Patras.

SCHOLARSHIPS, GRANTS AND AWARDS

- 1990-1993: Academic excellence scholarship, State Scholarships Foundation (I.K.Y.), Department of Mathematics, University of Patras.
- 01/11/1997: Doctoral Research Scholarship, State Scholarships Foundation (I.K.Y.), awarded through the 31st Panhellenic Competition for Postgraduate Studies in Greece.
- 01/02/2000-30/06/2000 & 01/09/2000-30/09/2000: Research Fellowship in the framework of the project: FP Interegg II, Greece-Italy, Measure 5.2, Fellowships. Held at the University of Patras (5 months) and at the Università degli studi di Lecce, Italy (1 month).
- 15/06/2000 (Meeting of the Steering Committee of the Hellenic Mathematical Society (Patras Branch): Financial Award, Hellenic Mathematical Society (Patras Branch), for the presentation of the paper '*Tubes and the geometry of Kähler manifold*' at the International Conference 'Mathematical Challenges of the 21st Century', 17-12 August 2000, University of California, Los Angeles (UCLA), USA, August 2000.
- 15/11/2000-31/12/2002: Research Grant, '*Basic Research Programme K. Karatheodoris: Topics in Modern Differential Geometry*' (#2461), University of Patras Research Committee. Principal Investigator: Prof. B. Papantoniou, University of Patras. (November 2000 – December 2002).

- 01/01/1996 - 31/01/2000: Research Fellowship, Department of Mathematics, University of Patras (programmes: 'Utilization of the Computer Research Laboratory, Library and Computing Centre' and 'Funding of Graduate Students' Fellowships')

CERTIFICATIONS

9/2008 - 01/2009: Certificate of successful completion of the course (42 hours) *Teaching Algebraic Reasoning in Middle and High School: Reinforcing Mathematical Understanding*, WIDE World Online Professional Development (Wide-scale Interactive Development for Educators), Harvard Graduate School of Education.

2016: Certification of the Training Seminar of the Hellenic Open University with the subject "Open and Distance Education", Hellenic Open University, Internal Evaluation and Training Unit.

PROFESSIONAL EXPERIENCE

1/9/2005 - 4/11/2008: Teacher, Athens College, Hellenic-American Educational Foundation.

- Teaching mathematics in middle and high school classes.
- Teaching advanced mathematics to high-achieving students preparing for Hellenic and American Mathematical Society competitions (weekly afternoon activity).
- Co-editor of the middle school magazine "Physics and Mathematics".

ACADEMIC DEVELOPMENT

06/17/2022 - today: Professor in Mathematics with emphasis on application of Mathematical Models in Economics and Tourism, Department of Tourism, School of Economics, Ionian University (Government Gazette 1433/C'/17.6.2022).

1/10/2018 - 16/06/2022: Associate Professor in Mathematics-Statistics, Department of Tourism, School of Economics, Ionian University, Corfu (Government Gazette of the Ionian University in a temporary position 5454/B'/5.12.2018, Government Gazette of the Department of Tourism 422/B'/14.2.2019).

3/11/2014 - 30/9/2018: Associate Professor in Mathematics - Statistics (Government Gazette 1503/C'/03.11.2014), Department of Business Administration, School of Management and Economics, Ionian Islands University of Technology, Lefkada, Greece.

10/10/2013 - 2/11/2014: Assistant Professor in Mathematics - Statistics, Department of Business Administration, School of Management and Economics, TEI of the Ionian Islands, Lefkada, Greece (Government Gazette 2541/B'/10.10.2013).

5/11/2008 -09/10/2013: Assistant Professor in Mathematics - Statistics, Department of Business Administration, Kefalonia, Technological Educational Institute (TEI) of the Ionian Islands (Government Gazette 993/C'/29.10.2008 & 706/C'/08.07.2013 (tenure)).

Academic years 2017-18, 2018-19, 2019-20: Member of the Associate Teaching Staff, School of Social Sciences, International MBA, Hellenic Open University.

3/10/2016-28/2/2017, 12/4/2017-21/7/2017, 29/09/2017-28/2/2018, 23/3/2018-15/7/2018, 24/09/2018-28/2/2019, 28/9/2018-30/3/2020: Lecturer, Postgraduate Program in "Accounting - Finance and Management Science", Department of Accounting and Finance, School of Management and Economics, TEI of Epirus, Preveza.

Academic years 2013-14, 2014-15, 2015-16, 2016-17: Member of the Associate Teaching Staff,

Business and Organizational Management, Hellenic Open University.

Autumn semester 2012-2013: PD407/80, Department of Regional Economic Development, University of Central Greece, Livadia, Greece

01/02/2013 - 08/03/2013, 03/02/2014 - 14/02/2014: Erasmus Teaching Mobility Program, Bournemouth University, UK, Department of Accounting, Finance and Economics.

05/07/2005-08/08/2005, 05/07/2006-08/08/2006, 05/07/2007-08/08/2007, 07/07/2008-08/08/2008, 06/07/2009-07/08/2009 (Second Summer Session-SSII): Adjunct Lecturer, State University of New York (SUNY) at New Paltz, New York, USA Department of Mathematics.

05/07/2006-08/08/2006, 05/07/2007-08/08/2007 (SSII): Adjunct Lecturer, SUNY at New Paltz, NY, USA, Business School.

03/2005-06/2005: Research Associate, Department of Business Administration, TEI of Ionian Islands, Kefalonia.

22/11/2004-11/02/2005, 28/02/2004-01/07/2005: scientific collaborator, Department of Sound Technology and Musical Instruments, TEI of Ionian Islands, Kefalonia.

11/2003-02/2004: Research Associate, Specialization Program in Counseling and Guidance (P.E.SY.P.), Higher School of Pedagogical and Technological Education (ASPE), Patras Branch.

01/01/1996-31/01/2000, 01/10/2000-19/01/2001, 01/03/2001-30/06/2001: Auxiliary Teaching, Department of Mathematics, University of Patras.

EDUCATIONAL LEADERSHIP AND INNOVATION

Coordinator of the School Innovation Network Workshop: Action III, Phase III of the Educational and Development Initiative of the Lambrakis, Eugenides, F. Kostopoulos, Leventis, National Bank of Greece and the Alexander S. Onassis Foundation. (1.10.2008 - 30.6.2009 & 1.9.2009 - 30.6.2010 & 1.11.2010-31.5.2011).

ADMINISTRATIVE WORK

- 02/02/2026 – today: Head of the Department of Tourism, School of Economic Sciences, Ionian University, after elections (Government Gazette 66/YODD/02.02.2026).
- 01/09/2024 – 01/02/2026: Member of the Governance Board of Ionian University, after elections (Government Gazette 193/YODD/01.03.2024).
- 10/10/2022 – 31/08/2024: Vice Rector for Research and Development, President of the Research and Management Committee, Ionian University, after elections (Government Gazette 5227/C'/10.10.2022).
- 1/9/2020 - 09/10/2022: Vice Rector for Research, Lifelong Education and Development, President of the Research and Management Committee, Ionian University and President of the Centre for Lifelong Learning of the Ionian University (Government Gazette 677/YODD/28.08.2020, Government Gazette 4079/B'/23.09.2020).
- President of the Steering Committee of the Hellenic Mathematical Society (Lefkada's Branch), after elections (7/2018 -8/2020).

- Vice-President of the Steering Committee of the Hellenic Mathematical Society (Lefkada's Branch), after elections (3/2016 - 6/2018).
- Member of the General Assembly of the Hellenic Research and Innovation Foundation, (Resolution 146206/07.09.2018, Amendment GGC 189/YOD/10.4.2019) (7.9.2018 - 9.4.2019).
- Alternate Member of the President of the TEI of Ionian Islands, Prof. I. Dragona in the Regional Innovation Council of the Ionian Islands (p.n. 155/29-1-2016 decision of the Regional Governor of Ionian Islands) (2016-17).
- Alternate Member of the Vice President A' of the TEI of Ionian Islands, Prof. A. Kalafatis in the Board of Directors of the Development Partnership entitled "Local Plans for Employment adapted to the needs of local markets jobs (TOPSA LEFKADA)" (Decision of the Board of TEI of Ionian Islands, 23/15.6.2015)
- 1/9/2013-25/7/2018: Head of the Department of Business Administration, School of Business and Economics, Technological Educational Institute of Ionian Islands, Lefkada (supervising 2 undergraduate programs: a. Tourism and Hospitality Management, b. Business Administration)
- Academic years 2010-2011, 2011-2012, 2012-2013: Deputy Head of the Department of Business Administration TEI of Ionian Islands, Kefalonia.

Student Representation

- Academic year 2000-2001: President of the Association of Postgraduate Students of Patras (SY.ME.FoIP), after elections.
- Academic year 1999-2000: President of the Graduate Students of the Department of Mathematics of the University of Patras, after elections.

QUALITY ASSURANCE IN HIGHER EDUCATION

- President of the Internal Evaluation Team, Department of Tourism, School of Economics, Ionian University, academic year 2019-20.
- Member of the Quality Assurance Unit (MO.DI.P.), TEI of Ionian Islands (02/2014 -9/2018).
- President of the Internal Evaluation Team, Department of Business Administration, School of Business and Economics, Lefkada, TEI of Ionian Islands (academic years 2013-14 to 2017-18).

DISTINCTIONS - INVITED CONTRIBUTIONS

- Invitation (15.12.2017) from the Board of Directors of the Hellenic Mathematical Society for my participation in the publication of an anniversary volume entitled "Thoughts on mathematics, 100 years since the foundation of Hellenic Mathematical Society" and the interaction of mathematics with the field of economics and tourism management.
- Award for the Open Academic Course (31.08.2015) "*Mathematics for Economics*" as the best among the Open Academic Courses of the TEI of Ionian Islands in the framework of the project "Open Academic Courses of the TEI of Ionian Islands-MIS 385582", ESPA 2007-2013.
- Award for the Open Academic Course (31.08.2015) "*Mathematics for Economics*" as the best among the Open Academic Courses of the Department of Business Administration of TEI of Ionian Islands in the framework of the project "Open Academic Courses of TEI of Ionian Islands-MIS 385582", ESPA 2007-2013.
- Member of the National Council for the Global Entrepreneurship Week 12-25 November

2012, at the invitation of the President of the Federation of Greek Associations of Young Entrepreneurs and host of the Global Entrepreneurship Week.

- Invited speaker, The 2012 International Conference on the Singular Spectrum Analysis and its Applications, Beijing, China, 17-20 May 2012.
- Outstanding Research Award & Best Session Award for the article (with 1 other author) entitled "*A log linear analysis of factors affecting performance of European manufacturing SMEs. A cross-country empirical study*", 2011 Winter Global Conference on Business and Finance, Las Vegas, Nevada, 2-5 January 2011, Vol.6(1), pp.846-865 ISSN: 1931-0285 CD, 1941-9589 ONLINE.
- Outstanding Research Award & Best Session Award for the article (with 1 other author) entitled "*Predicting Innovation Activity in European Manufacturing Firms: a Multi-Country Empirical Study*", 2011 Winter Global Conference on Business and Finance, Las Vegas, Nevada, 2-5 January 2011, Vol.6(1), pp.846-865 ISSN: 1931-0285 CD, 1941-9589 ONLINE.
- Invitation for joint research on Singular Spectrum Analysis (SSA), by Prof. Anatoly Zhiglavsky, Chair in Statistics, Chairman of the Organizing Committee, UK-China Workshop on Singular Spectrum Analysis and its Applications, University of Cardiff, Cardiff, Cardiff, September 20-22 2010, UK.
- Best Paper In Session Award for the paper (with 2 other authors) "*Singular Spectrum Analysis as a Filtering Mechanism for the European Industrial Production Index*", 2010 European Applied Business Research Conference (EABR), Dublin, Ireland, 7-10 June 2010.
- Best Paper In Session Award for the paper (with 2 other authors) "*Oil, inflation and the stock market: Transmission mechanisms for oil-importing and oil-exporting countries*", 2010 European Applied Business Research Conference (EABR) Dublin, Ireland, 7-10 June 2010.
- Outstanding Research Award for the article (with 2 other authors) entitled "*An Assessment of the Effectiveness and Efficiency of Information and Communication Technologies in the development of the Small and Medium Sized Enterprises (SMEs)*", Global Conference on Business and Finance, Costa Rica, Central America, May 27-30, 2009.

UNDERGRADUATE-LEVEL TEACHING (Greece)

Academic year 2025-26: *Mathematics, Business Statistics, Research Methods in Tourism and Hospitality*, Department of Tourism, Ionian University

Academic years 2020-21, 2023-24, 2024-25: Department of Tourism, Ionian University: *Mathematics* (Fall semester) *Business Statistics* (Spring semester 2024-2025)

Academic years 2018-19 to 2019-20: Department of Regional Development, Ionian University, Lefkada

a. Tourism and Hospitality Management: *Mathematics for Business, Statistics for Business, Financial Mathematics, Research Methods-Data Analysis, Entrepreneurship and Innovation, Hospitality Management I*

b. Business Administration: *Mathematics for Business, Statistics for Business, Financial Mathematics, Operations Research, Time Series and Forecasting, Research Methods-Data Analysis, Entrepreneurship and Innovation*

Academic years 2013-2014 to 2017-18: Department of Business Administration, TEI of Ionian Islands, Lefkada.

a. Tourism and Hospitality Management: *Statistics for Business, Financial Mathematics, Research Methods-Data Analysis, Entrepreneurship and Innovation, Conference and Event Organisation*

b. Business Administration: *Mathematics for Business, Mathematics II, Statistics for Business, Financial Mathematics, Research Methods-Data Analysis, Advanced Business Finance, Statistical Data Analysis, Financial Management, Market Research, Operations Research, Business Risk Management, Sales Techniques, Public Administration, Political Economy, Economic History of Europe*

1/10/2013 - 30/7/2014 & 1/10/2014 - 30/7/2015 & 1/10/2015 - 30/7/2016 & 1/10/2016 - 30/7/2017: Bachelor of Business and Organizational Management (DEO), Hellenic Open University: *DEO43-Industrial Organization, Labour Market, European Enterprises*

Fall semester 2012-2013: Department of Regional Economic Development, University of Central Greece: *Mathematics I*

Academic years 2008-2009 to 2012-13: Department of Business Administration (Kefalonia), TEI of Ionian Islands: *Mathematics in Business Administration, Financial Mathematics, Statistics in Business Administration, Operations Research, Research Methodology, Market Research*

03/2005 - 06/2005: Department of Business Administration, TEI of Ionian Islands, Kefalonia: *Mathematical Methods in Business Administration.*

22/11/2004 - 11/02/2005: Department of Sound Technology and Musical Instruments, TEI of Ionian Islands, Kefalonia: *Mathematics*

28/02/2004 - 01/07/2005: Department of Sound Technology and Musical Instruments, TEI of Ionian Islands, Kefalonia: *Applied Mathematics, Mathematics*

01/01/1996 - 31/01/2000 & 01/10/2000 - 19/01/2001 & 01/03/2001 - 30/06/2001: Section Mathematics, University of Patras. Auxiliary teaching work: Analytical Geometry (Prof. Eliades), Tensor Analysis (Prof. Papantoniou), Real Analysis III (Prof. Iliopoulos, Prof. Kontolatou), Differential Geometry (Prof. Papantoniou).

UNDERGRADUATE-LEVEL TEACHING (Abroad)

03/02/2014 - 14/02/2014: Erasmus Teaching Mobility Program, Bournemouth University, Department of Accounting, Finance and Economics. Teaching the undergraduate course: *Statistics* (6 hours per week).

01/02/2013 - 08/03/2013: Erasmus Teaching Mobility Program, Bournemouth University, Department of Accounting, Finance and Economics. Teaching the undergraduate courses: *Basic Mathematics, Econometrics, Statistics* (10 hours per week).

07/07/2008 - 08/08/2008 & 06/07/2009 - 07/08/2009 (Second summer session-SSII*): Adjunct Lecturer, State University of New York (SUNY) at New Paltz, New York, USA Department of Mathematics. Teaching the undergraduate course : *Linear Algebra*.

05/07/2006 - 08/08/2006 & 05/07/2007 - 08/08/2007 (SSII*): Adjunct Lecturer, SUNY at New Paltz, NY, USA

- Department of Mathematics. Teaching the undergraduate course: *Combinatorics*
- Business School. Teaching the undergraduate course: Statistics for Business & Business and Economics II.

05/07/2005 - 08/08/2005 (SSII*): Adjunct Lecturer, State University of New York (SUNY) at New Paltz, New York, USA Department of Mathematics. Teaching the undergraduate courses: *Linear Algebra, Combinatorics*.

*: Each SUNY New Paltz Summer Session II course (5 weeks, 2 hours/day - 45 hours/per course plus additional office hours for students) is equivalent to one full academic semester course.

POSTGRADUATE-LEVEL TEACHING

Academic years 2023-24 to 2025-26 (Fall semester): Co-teaching of the course "Research Methodologies in the Digital Era", Interdepartmental MSc "Digital Technologies in Hospitality Management and Tourism", Departments of Informatics and Tourism, Ionian University. (including preparation of teaching notes and slides).

10/10/2017-31/7/2018 & 1/10/2018-31/7/2019 & 8/10/2019-31/7/2020: Teaching in English the Module MBA60 "Advanced Quantitative Methods for Managers", International MBA, School of Social Sciences, Hellenic Open University, in cooperation with the University of Wroclaw, Poland. (including curriculum review, student support and assignment feedback).

12/4/2017-21/7/2017 & 23/3/2018-15/7/2018 & 28/9/2018-30/3/2020: Teaching and preparation of course material for "Operational Research", Postgraduate Programme in Business and Organization Management, Department of Accounting and Finance, School of Management and Economics, TEI of Epirus, Preveza.

29/09/2017-28/2/2018 & 24/09/2018-28/2/2019 & 3/10/2016-28/2/2017: Teaching and preparation of course material for "Statistical and Quantitative Methods in Business Decision Making", Postgraduate Program in Accounting - Finance and Management Science, Department of Accounting and Finance, School of Management and Economics, TEI of Epirus, Preveza.

11/2003-02/2004: Teaching "Statistics in Counselling and Guidance", Specialization Programme in Counselling and Guidance (ASPAITE), Higher School of Pedagogical and Technological Education (ASPE), Patras Branch.

PRESENTATIONS - LECTURES

- Lecture (online) entitled “Regenerative Tourism: The Next Frontier in Sustainable Destination Management and Marketing”, Blended Intensive Programme (BIP) «Sustainable Destination Management και Marketing», October 1-2 and 13–17, 2025, Department of Tourism, Ionian University.
- Lecture entitled "Multinationals and Foreign Direct Investment" in the context of the postgraduate course "International and European Policy Issues" (Professor: N. Kyriazis), Postgraduate Programme in Applied Economics, Department of Economics, University of Thessaly, Volos, 12 April 2016 (upon invitation).
- Presentation of the survey results "Odyssey-Seabourn Cruise Ship Visitor Satisfaction Survey", Lefkada Chamber of Commerce, 3 May 2017.
- Lecture series (36 hours) on Market Research for the action "Educational actions for the exploitation, promotion and quality assurance of local products and services of the Ionian Islands", Lefkada, 25 - 26 October 2014, 1-2 & 8-9 November 2014. Addressed to: Local producers and entrepreneurs, Farmers and livestock farmers, Entrepreneurs and employees working in the tourism sector.
- Lecture entitled "Do Math and Journalism Mix? Numbers in the Newsroom" (3 hours), 3rd Summer School in Media Management with emphasis on New Digital Media, Lefkada, 15 July 2013.
- Presentation at the Scientific Workshop "Human Resource Utilisation: the transition from studies to employment", Cultural Centre of the Municipality of Lefkada, 17 May 2013.

ORGANISATION OF SEMINARS-LECTURES

- Co-organization of Blended Intensive Programme (BIP) «Sustainable Destination Management και Marketing», October 13–17, 2025, Department of Tourism, Ionian University.
- Co-organization of a training Seminar entitled "Research in Humanities and Social Sciences - Methodological design and research techniques" for teachers of Philology, Theology, French Literature, English Literature, German Literature, Cultural Studies, Sociology, in collaboration with the Association of Philologists of Lefkada, March 2018.
- Organization of a Summer School in Media Management with emphasis on new digital media, with innovative activities, cutting-edge workshops, experiential teaching and simulations (22.8.2011-2.9.2011 (Kefalonia), 20-30.8.2012 (Kefalonia), 8-18.7.2013 (Lefkada), 22-26.9.2014 (Kefalonia)).
- Co-organization of an event with the Association of Philologists of Lefkada and the Cultural Centre in the context of the nationwide tribute for the World Poetry Day on the theme "A Poem for Refugees" on 21.3.2016 at the Cultural Centre of Lefkada.
- Co-organization of an event with the Association of Philologists of Lefkada and the Cultural Centre for the presentation of the new book of the Spanish author, Pedro Olalla entitled "METEORI ELLADA" on 7.11.2015 at the Lefkada Cultural Centre.

- Co-organizing an event with the Hellenic Mathematical Society (Lefkada's Branch) on the topic: "*Calculus ratiocinator: from Leibniz to Turing*", on 20.06.2015, by the mathematician and author Tefkros Michaelides at the Lefkada Cultural Centre.
- Co-organization of an event with the Association of Lefkada Philologists and the Cultural Centre of the Municipality of Lefkada, on 31.10.2014, on the topic: "*The power of the Greek element today and its reflections in world culture*" by Pedro Olalla.
- Co-organization International Scientific Seminar on Creative Entrepreneurship, Kefalonia Co-Creation Workshop on Creative Economy and Entrepreneurship Argostoli, June 13-15, 2014 Special theme: "Co-creating Shareable and Creative Cities, Department of Digital Media and Communication" in collaboration with Panteion University.
- Organising a speech by G. Kaimakamis, Professor of the Department of Mathematics & Engineering Sciences of the Hellenic Army Academy, entitled "*Algorithmic Evaluation of Tenders/Suppliers*" at the Department of Business Administration of the School of Management and Economics, TEI of Ionian Islands, Lefkada, 23 January 2014.

RESEARCH AND DEVELOPMENT PROJECTS

01/12/2025 – 31/11/2028: Scientific Coordinator in «AI-Enabled Skill-Building for Tourism and Hospitality: Bridging the Industry–Academia Divide (BIAD)», ERASMUS-EDU-2025-PI-ALL-INNO-EDU-ENTERP.

14/02/2023 - 31/12/2024: Participation in "SusTour: Joint e-Course on the Sustainable Management of Tourism Destinations", Erasmus Plus KA220-HED.

01/07/2022 - 31/10/2022: Participation in the analysis and pre-processing of data and structures within the framework of the WP "Development of an intelligent system for the analysis and management of environmental data" in the framework of the project "BIO_MNIMES: Mnemonic Olive groves: Recording, Mapping, Chronology and Promotion as high value ecosystems, aiming at the conservation/management and sustainable development of the rural areas of the Ionian Islands".

01/01/2022 - 30/04/2022: Participation in the analysis and evaluation of data within the framework of the WP "Development of an intelligent system for the analysis and management of environmental data" in the framework of the project "BIO_MNIMES: Recording, Mapping, Chronology and Promotion as high value ecosystems, aiming at the conservation/management and sustainable development of the rural areas of the Ionian Islands".

23/04/2021 - 30/06/2021: Participation in the collection and digitization of data in the framework of the project "Assessment of the impact on biodiversity of areas of High Natural Value of the Ionian Islands Region due to the invasion of the *Ailanthus Altissima* (HNVTThreat)".

In the project entitled "*Promotion of the Ionian Islands Foundation of Technology as an International Resource for Education and Innovation*":

- from 02/06/2014 to 31/10/2014 as "Scientific Proposal Manager and Scientific Associate" in the framework of the implementation of the proposal "Summer School in SME Management" and the proposal "Organisation of an international/national scientific seminar

on creative entrepreneurship" respectively.

- from 20/10/2014 to 15/12/2014, Participation as trainer/speaker of seminars (36 hours) in Kefalonia and Lefkada, in the framework of: "Educational actions for the exploitation, promotion and quality assurance of local products and services of the Ionian Islands"
- from 01/05/2011 to 30/04/2014, "Administration and Management of the Programme - Coordinator of the Kefalonia's Branch"
- from 15/07/2011 to 31/10/2013, with the special occupation "Summer School in Media Management" - Scientific Director
- from 01/01/2012 to 31/12/2013, "Eliminating the digital divide between continental and island regions"

In the Act entitled "*Open academic courses of TEI of Ionian Islands*" of "Education and Lifelong Learning":

-from 11/03/2015 to 10/07/2015, "Scientific Associate".

In the project entitled "*Provision of Consultancy Services to the Region of Ionian Islands on the development prospects of cruise tourism and the assessment of the economic impact on local markets*":

- from 02/09/2013 to 31/12/2013, "Investigation of the level of quality of tourist services provided to passengers during their visit to the ports of the Region of Ionian Islands"

In the project entitled "*Innovation and Entrepreneurship Unit of TEI of Ionian Islands*":

- from 24/02/2014 to 22/09/2014, "Visits to productive institutions" and "Mentoring actions"

01/03/2014 - 20/07/2014: Centre for Planning and Economic Research (KEPE), The Illicit Tobacco Trade in Greece. For British American Tobacco (BAT).

Participation in the writing of 2 deliverables with presentation and analysis of research data. The project consists in assessing the extent of cigarette smuggling in Greece during the last decade and the impact of this phenomenon on the state's revenues, the impact on society and the submission of economic proposals for a correct tax policy in the cigarette market to reduce smuggling.

01/06/1996 - 31/05/1998: Contract of assignment in the framework of the research project "*Prototype Research in Group C*", within the framework of the project entitled: "Riemann Geometry. P.E.N.E.D. '95-388', General Secretariat for Research and Technology.

LIST OF ACADEMIC WORKS

PhD Thesis

Characterization of Kahler manifolds using small geodesic tubes, Department of Mathematics, University of Patras, ISBN: 960-316-189-6, Patras 2002.
<https://www.didaktorika.gr/eadd/handle/10442/14278>

Publications in peer-reviewed international scientific journals

Papastathopoulos, A.; Koritos, C.; Beneki, C. (2023). Effects of COVID-19 induced non-pharmaceutical interventions by hotels: a hedonic pricing study across nine countries. *Journal of Hospitality and Tourism Management*, 54, 240-246.

Hassani, H.; Kalantari, M.; Beneki, C. (2021). Comparative Assessment of Hierarchical Clustering Methods for Grouping in Singular Spectrum Analysis. *AppliedMath*, 1, 18-36.
<https://doi.org/10.3390/appliedmath1010003>

Bampatsou, C., Halkos, G., Beneki, C. (2021). energy and material flow management to improve EU productivity. *Economic Analysis and Policy*, 70, 80-93.
<https://doi.org/10.1016/j.eap.2021.02.003>

Hassani, H., Silva, E., Beneki, C. (2021). The Science of Statistics vs Data Science: a Pragmatic Perspective, *Technological Forecasting and Social Change, Technological Forecasting and Social Change*, 173, 121111. <https://doi.org/10.1016/j.techfore.2021.121111>

Kyriazis A. N., Koulis A., Papadamou S., and Beneki C. (2020). selectivity and market timing skills in emerging Greek equity mutual funds during the sovereign debt crisis, *Studies in Business and Economics* 15(2), 133-150. DOI: 10.2478/sbe-2020-0030.

Hassani, H., Unger, S., Beneki, C. (2020). *big data and actuarial science*, *Big Data and Cognitive Computing*, 4(4), 40. DOI: 10.3390/bdcc4040040

Hassani, H., Beneki, C., Unger, S., Mazinani, M.J., & Yeganegi, M. R. (2020). *text mining in big data analytics*, *Big Data and Cognitive Computing*, 4(1), 1. [The article belongs to the Special Issue *Knowledge Modelling and Learning through Cognitive Networks*, Guest Editors: Stella, M. & Kenett, Y.N.] <https://doi.org/10.3390/bdcc4010001>

Hassani, H., Yeganegi, M. R., Beneki, C., Unger, S., & Moradghaffari, M. (2019). *big data and energy poverty alleviation*, *Big Data and Cognitive Computing*, 3(4), 50.
<https://doi.org/10.3390/bdcc3040050>

Beneki, C., Koulis, A., Kyriazis, N. A., & Papadamou, S. (2019). *Investigating volatility transmission and hedging properties between Bitcoin and Ethereum*, *Research in International Business and Finance*, 48, pp.219-227. <https://doi.org/10.1016/j.ribaf.2019.01.001>

Silva E., Hassani, H., Otero, J. and Beneki C. (2018). *forecasting inflation under varying frequencies*, *Electronic Journal of Applied Statistical Analysis*, 11(01), pp.307-309 DOI: 10.1285/i20705948v11n1p307

Karamanis, K., Beneki C. and Ioakimidis, M. (2018). *Greek Labour Market: The Evaluation of Minimum Wage and Unemployment During the Period 2000-2016*, Journal of International Studies, 11(4), pp.93-105 . doi:10.14254/2071-8330.2018/11-4/7

Koulis, A. Kaimakamis G. and Beneki C. (2018) *Hedging Effectiveness for International Index Future Markets*, Economics and Business (ISSN: 2256-0386, e-ISSN: 2256-0394) Vol. 32(1), pp.149-159 (De Gruyter Open) doi: 10.2478/eb-2018-0012

I. Giannoukou, Chr. Beneki (2018) *Towards Sustainability Performance Management System of Tourism Enterprises: a Tourism Sustainable Balanced Scorecard Framework*, International Journal of Global Environmental Issues, 17(2/3), pp. 175-196 DOI: 10.1504/IJGENVI.2018.091457

Chr. Beneki, K. Rerres, D. Chionis, H. Hassani (2016). *How to stimulate employment growth in the Greek hotel industry*, Tourism Economics, October 2016 Vol. 22(5), pp.865-883, first published on June 27, 2016. <https://doi.org/10.5367/te.2015.0458>

Christina Beneki (2014). *On the autocorrelation function and its applicability in energy modeling*, International Journal of Energy and Statistics, Vol. 2(1), pp.43-48. <https://doi.org/10.1142/S2335680414500033>

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Konstantinos Vigklis, Alkmini Gkritzali and Christina Beneki, *A Satellite-Based Monitoring Framework for Marine Tourism Intensity*, Towards Resilient Destinations: Integrating Nature, Culture and Tourism for Sustainable Futures (Nature, Environment, Sustainability and Tourism - NEST), April 22-24, 2026, Ionian University, Corfu, Greece.

G. Giotis and Chr. Beneki, *Insights into the Global Airbnb Consumer: Factors Influencing Accommodation Choices*, 2nd International Conference, India-Greece, History, Society, Science and Entrepreneurship, December 2-6, 2024, Aristotle University Main Campus, Thessaloniki, Greece.

Christina Beneki, Masoud Yarmohammadi, *Forecasting Exchange rates with singular Spectrum Analysis*, 34th International Symposium on Forecasting, (ISF 2014), International Institute of Forecasters, Rotterdam, Netherlands, June 29-July 2, 2014 Publication of the abstract p. 168.

Christina Beneki, Hossein Hassani, Mansi Ghodsi, *Forecasting tourism demand in Greece with Singular Spectrum Analysis*, 33rd International Symposium on Forecasting, (ISF 2013), International Institute of Forecasters, Seoul, Korea 23-26 June 2013, Publication of the abstract ISF electronic proceedings (ISSN 1997-4124) p.91.

C.C.Beneki, K. Rerres, D.P.Chionis, *The Microeconomic Correlates of Employment In Greek Hotels*, 3rd International Conference: Quantitative and Qualitative Methodologies in the Economic and Administrative Sciences (ICQQMEAS 13), TEI of Athens, Athens, Greece, 23-24 May 2013, Publication of the abstract. ISBN: 978-960-98739-4-9 ISSN: 1791-8499, pp. 188.

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Ioanna Giannoukou, George Anastassopoulos, Christina Beneki, *Firm Performance: the corporate and the destination competitiveness effect*, 1st International Symposium on Business, Economics & Financial Applications, 1-2 June 2012, Argostoli, Kefalonia, Greece, Publication of the abstract ISSN: 2241-2727, pp. 373.

Michail Tsagris and Christina Beneki, *A more detailed examination of the folded normal distribution*, 1st International Symposium on Business, Economics & Financial Applications (1st ISBEFA), 1-2 June 2012, Argostoli, Kefalonia, Greece, Publication of the abstract ISSN: 2241-2727, pp. 389-390.

Christina Beneki and Costas Leon, *Evaluation of Singular Spectrum Analysis-Based Seasonal Adjustment Procedure*, The International Conference on Forecasting Economic and Financial Systems (FEFS2012) & The 2012 International Conference on the Singular Spectrum Analysis and its Applications, Beijing, China, May 17-20, 2012. Publication of the abstract p. 18. Invited speaker.

Beneki Chr., C. Leon and H. Hassani, *Extracting US Business Cycle Using Sequential Singular Spectrum Analysis*, The 31st Annual International Symposium on Forecasting, Workshop #2 "Singular Spectrum Analysis: a relatively new and powerful technique for time series analysis and forecasting", The University of Economics, Prague, June 26, 2011. 149. ISSN: 1997-41.

B. Eeckels, Chr. Beneki, G. Filis, *An assessment of the relationships of European National Indices during the 2008 credit crunch*, 8th International Conference on Applied Financial Economics, Samos Island, Greece, 30 June - 02 July, 2011.

C. Beneki and C. Leon, *Singular Spectrum and Cross-Spectral Analysis of the USA GDP and Unemployment Time Series*, UK-CHINA Workshop on SSA, School of Mathematics, University of Cardiff, UK, 20-22 September 2010. Publication of the abstract in the Proceedings of the Conference p. 4. Invited speaker.

A. Koulis, C. Beneki, M. Adam, C. Botsaris, *The Efficiency of Greek Pension Fund Portfolios: An Empirical Approach*, 24th European Conference on Operational Research (EURO XXIV), Lisbon, Portugal, 11-14 July 2010. Publication of abstract TF-30, pp.205-206.

C. Beneki, C. Leon, and B. Eeckels, *Singular Spectrum Analysis as a Filtering Mechanism for the European Industrial Production Index*, 2010 European Applied Business Research Conference (EABR) Dublin, Ireland, 7-10 June 2010, The European Applied Business Research (EABR) Conference Proceedings - ISSN 1539-8757, Copyrighted 2010 June 7-10, 2010 in Dublin, Ireland. Publication of the abstract p. 288. best paper in session award.

G. Filis, I. Chatziantoniou, C. Beneki, *Oil, inflation and the stock market: Transmission mechanisms for oil-importing and oil-exporting countries*, 2010 European Applied Business Research Conference (EABR) Dublin, Ireland, 7-10 June 2010 The European Applied Business Research (EABR) Conference Proceedings - ISSN 1539-8757, Copyrighted 2010 June 7-10, 2010 in Dublin, Ireland. Publication of the abstract p. 518. best paper in session award.

C. Beneki, B. Eeckels and C. Leon, *Singular spectrum analysis of the UK tourism income*, Advances in Tourism Research Workshop, University of Bozen/Bolzano, Bruneck/Brunico, September 27-29, 2009, South Tyrol, Italy. 9. Published as a Working Paper.

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Christina Beneki, Andreas Arvanitoyeorgos, *Tubes and the geometry of Kahler manifolds*, Congress on Differential Geometry in memory of Alfred Gray, Universidad del País Vasco, Bilbao 18-23 September 2000, SPAIN. The abstract of the paper can be found on the website of the Atlas Mathematical Conference Abstracts academic database used for the conference: <http://atlas-conferences.com/c/a/d/q/42.htm>

Chr. Beneki, *Tubes and the geometry of Kähler manifold*, Mathematical Challenges of the 21st Century, American Mathematical Society (AMS Meeting #956), University of California Los Angeles (UCLA), Los Angeles, CA, August 6-12 2000, USA. Abstracts of the papers were published in the journal of the American Mathematical Society entitled *Abstracts of papers presented to the American Mathematical Society* (Volume 21, Issue 3, 956-53-93) (Contributed by the Hellenic Mathematical Society (Patras Branch))

Chr. Beneki, *Jacobi vector field and geodesic tubes in certain Kahler manifolds*, 19th Winter School on Geometry and Physics, Srni 9-16 January 1999, Czech Republic. Announcement.

Beneki H., *Characterization of Kahler manifolds*, 5^o Panhellenic Geometry Conference, University of Thessaloniki, 31 May - 2 June 2001, Thessaloniki, Greece. Announcement.

Chr. Beneki, *Geodesic tubes and the geometry of Kahler manifolds*, 4^o Panhellenic Geometry Conference with international participation entitled: "Research in Geometry and its Teaching at the Threshold of the 21st Century", University of Patras, 28-30 May 1999, Patras, Greece. Announcement.

Christina Beneki, *Classification of surfaces by rotation in 3-dimensional Minkowski spaces*, 3^o Panhellenic Conference on Geometry, organized by the Department of Mathematics, National and Kapodistrian University of Athens, 28-30 May 1997, Athens, Greece. Announcement.

UNIVERSITY NOTES

Member of the writing team, '*Introduction to Industrial Organization*' and '*European Enterprises*', Notes for Unit DEO43-Industrial Organization, Labour Market, European Enterprises, Hellenic Open University. Scientific Supervisor: Prof. D. Giannias, 2011.

BOOKS, BOOK CHAPTERS, POLICY/RESEARCH REPORTS

Books:

- Petrakos, G., Beneki, Chr. and Panousi, S., *The Greek Hotel Industry in the Years of Crisis, 2008-2018*, Publication of the Hellenic Chamber of Hotels, Athens 2020, p. 232. <https://www.itep.gr/en/review/greek-hotel-sector-during-the-crisis-period-2008-2018/>
- Rerres, K., *Employment in the tourism sector*, Research Institute for Tourism (ITEP), p. 286, ISBN: 978-960-89998-4-8, Athens 2012. Scientific Collaborator (with M. Sigala, S. Panousis and A. Christidou).

Textbooks:

Kiochos Apostolos, Christina Beneki, Petros Kiochos, *Financial Mathematics*, Eleni Kiochou Publications, p. 480, Vol. Edition: 22/04/2016. Book Code in Eudoxos: 50658506

Book Chapters:

- Konstantinos Vogklis, Alkmini Grtizali, Christina Beneki, *Algorithmic Place-Making: AI, Affect, and the Mediation of Place in Contemporary Culture*, in Edited Volume: *AI and Optimization in Marketing*, Springer (forthcoming, 2026)
- Christina Beneki, Hossein Hassani, Costas Leon, Emmanuel Silva. *The method of eigen-spectrum analysis in time series*. in Edited Volume: *Reflections on Mathematics. 100 years since the foundation of the Hellenic Mathematical Society*, Athens 2018, pp. 238-253, ISBN: 978-960-7341-39-6.

Policy Reports

- *Investment Opportunities in Greece - The Path to Recovery and Sustainable Growth* (2013). Coordinator Mr. N. Georgikopoulos. For the Economic Office of the Prime Minister.
 - Chapter "Investment Opportunities in the Tourism Sector" (in collaboration with Mr. N. Vagioni)
 - Chapter "Information and Communications Technologies (ICT) - Investment Opportunities in Greece" (in collaboration with Mr. V. Boukas, Mr. N. Georgikopoulos, Mr. E. Hatzakis)
- *The Development Vision for Greece 2020: projections, development conditions and financing mechanisms* (2013). Chapter "Tourism" in the section "Sectoral Dimension of the Development Strategy". Scientific Responsible: N. Filippas. The work was coordinated by Dr. E. Athanasiou, Dr. Th.Tsekeri, Dr. A. Tsouma. For the Ministry of Development and Competitiveness.

Research Reports:

- Writing the study entitled "*Characteristics of the hotel and catering sector in Lefkada*" which was presented by the President of the Chamber of Commerce of Lefkada Mr. S. Skiadaresis at the 3rd Symposium "Lefkada and Tourism 1950 - 2018" by the Lefkada Studies Society (9-10 August 2018). Published in the Proceedings of the Symposium (Publisher: Lefkadian Studies Society, Athens, ISBN: 9789607498656, p. 144). <https://www.politeianet.gr/books/9789607498656-sullogiko-etaireia-leukadikon-meleton-praktika-kg-sumposiou-leukada-kai-tourismos-1950-2018-301872>
- Christina Beneki, Stergios Palamas. *Guest satisfaction survey of the Odyssey Seabourn cruise ship in Lefkada*, Lefkada 2017. Study for the Lefkada Chamber of Commerce (p. 45)
- KEPE, *Illicit Tobacco Trade in Greece*. For British American Tobacco (BAT) (2013). Member of the editorial team. Scientific supervisor Mr. N. Georgikopoulos.
- Member of the editorial team (with K. Rerres, S. Panousis and D. Angelopoulou) in the study entitled "*Developments in the key figures of the Greek hotel market in the years 2010-2011*", Institute of Tourism Studies & (ITEP), p. 41, Athens 2011.

Other Publications

Christina Beneki, "*The mathematical art of M.S. Escher*", EUCLIDES B', Mathematics education journal, Volume 36 (2000), Hellenic Mathematical Society, pp.26-27.

SCIENTIFIC AND ORGANIZING COMMITTEES

Member of the Scientific Committee of the Conference *Towards Resilient Destinations: Integrating Nature, Culture and Tourism for Sustainable Futures*, 22-24 April 2026, Ionian University, Corfu, Greece. <https://conferences.ionio.gr/trd/en/about/>

Member of the Organizing and Scientific Committee, 12th International Conference, of the International Association of Cultural and Digital Tourism (IACuDIT), on "*Management, Culture and Arts Synergies for Future Innovative Tourism Development*", 2-4 September 2025, Corfu, Greece. <https://iacudit.org/Conference2025/about-the-conference/>

Member of the Organizing and Scientific Committee, ICOT2024 Annual Conference: *Tourism in the Era of Liquid Modernity: Rethinking Tourism Strategy and Facing Uncertainty*, 26-29 June 2024, Corfu, Greece, <https://iatour.org/icot2024/committees/>

Member of the Scientific Committee of the 2nd International Conference, India-Greece, History, Society, Science and Entrepreneurship, December 2-6, 2024, Aristotle University Main Campus, Thessaloniki, Greece.

Member of the Scientific Committee of the 39th Panhellenic Conference on Mathematical Education, Hellenic Mathematical Society, 1-3 November 2024 on "*Mathematics from antiquity to the present: Foundations and Modern Directions*", Archaea Olympia, Elis, Greece.

Member of the Scientific Committee of the 38th Panhellenic Conference on Mathematical Education, Hellenic Mathematical Society, 24-26 November 2023 on "*Modern Applications of Mathematics in Education and Science*", Serres, Greece.

Member of the Scientific Committee of the 37th Panhellenic Conference on Mathematical Education, Hellenic Mathematical Society, 4-6 November 2022 on "*Mathematics as a Pillar of a Interdisciplinary Approach to Contemporary Global Problems*", Argos-Nafplio, Greece.

Member of the Scientific Committee of the 36th Panhellenic Conference on Mathematical Education, Hellenic Mathematical Society, 1,2,3 November 2019 on "*The expanded role of mathematics in science and society: Challenges in the redesign of mathematics education*", Larissa, Greece. Also Chair (together with Professors A. Kasimatis Aikaterini and G. Baralis) in the Keynote Speeches of Professors I. Antoniou, "Towards a new paradigm in the field of mathematics and humanities", Larissa, Greece.

"*From Matrix Algebra to Quantum Processing and Quantum Cognition*" and F. Kalavasis "*Mathematics, Realities, School Failures: complexity and necessity of collaborations in Mathematics Education*" (Saturday 2/11/2019).

Member of the Scientific Committee of the 35th Panhellenic Conference on Mathematical Education, Hellenic Mathematical Society, 7,8,9 December 2018 on "*Mathematics: research and education in the 21st century*", Athens.

Member of the Scientific Committee, Organizing Committee and Local Organizing Committee of the 34th Panhellenic Conference on Mathematical Education, Hellenic Mathematical Society, 3,4,5 November 2017 Lefkada, Greece, on the topic "*Always by number*". Also Chair of the Keynote Speeches of Professors E. Kechagias "*The puzzle of polynomial equations and the evolution of Algebra*" and N. Tetradis "*The geometry of the Universe*" (Saturday 4/11/2017).

Scientific Committee Member: 2nd International Conference on Quantitative, Social, Biomedical and Economic Issues 2018, March 2-3, 2018, Athens.

Scientific Committee Member: 1st International Conference on Quantitative, Social, Biomedical and Economic Issues 2017, June 29-30, 2017, Athens.

Scientific Committee Member: 3rd International Open Conference on Business & Public Administration, 16-17 April 2016, Hellenic Open University.

Scientific Committee Member: Hellenic Open Business Administration International Conference / HOBA, Hellenic Open University, 7-8 March 2015.

Organization & Scientific Committee Member: Hellenic Open Business Administration International Conference (HOBA), Hellenic Open University, 8-9 March 2014.

Chair of Organizing & Scientific Committee: 1st International Symposium on Business, Economics & Financial Applications (ISBEFA) (Argostoli, 2012) Co-organizers: Department of Business Administration - TEI of Ionian Islands, Department of Business Administration - Democritus University, Department of Regional Economic Development - University of Sterea Ellada, Business School-SUNY at New Paltz, Business School-University of Portsmouth.

Scientific and Programme Committee Member: The International Conference on Forecasting Economic and Financial Systems (FEFS2012) - The 3rd International Conference on the Singular Spectrum Analysis and its Applications (SSA 2012), Beijing 2012 Organizer: Chinese Academy of Mathematics and Systems Science, CAS, Co-organizers: Bournemouth University, UK, Dongbei University of Finance and Economics, China.

Conference Committee Member: 2nd International Conference on Information and Management and Evaluation (ICIME 2011), 27-28 April, Ted Rogers School of Management, Ryerson University, Toronto, Canada.

Session Chair: 9th WSEAS International Conference on Simulation, Modeling and Optimization (SMO '08) (Budapest 2009).

Session Chair: 1st International Symposium on Business, Economics & Financial Applications (ISBEFA), Argostoli 1-2 June 2012.

Member of the Organizing Committee, *2nd Panhellenic Geometry Conference*, Department of Mathematics, University of Patras (8-9/12/1995), *3th Panhellenic Geometry Conference*, Department of Mathematics, University of Patras (19-20/12/1997), *4th Panhellenic Geometry Conference*, Department of Mathematics, University of Patras (28-30/5/1999).