CURRICULUM VITAE

Ehtibar Dzhafarov

September 2024

Present status

Professor Emeritus of Psychological Sciences, Purdue University.

Correspondence

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Professional Experience

2023 – present: Professor Emeritus of Psychological Sciences, Purdue University

2009: Fellow, Swedish Collegium for Advanced Studies, Uppsala, Sweden.

2003 – 2004: Fellow, Swedish Collegium for Advanced Studies in Social Sciences, Uppsala, Sweden.

2000 – 2023: Professor of Psychological Sciences, Department of Psychological Sciences, Purdue University.

1998 - 2000: Associate Professor, Department of Psychological Sciences, Purdue University.

1997 - 1998: Fellow, Hanse Wissenschaftskolleg (Institute for Advanced Studies), Delmenhorst, Germany.

1993 - 1998: Associate Professor, Beckman Institute for Advanced Science and Technology, Champaign, Illinois, USA.

1993 - 1998: Associate Professor, Department of Psychology, University of Illinois at Urbana-Champaign, Champaign, Illinois, USA.

1990 - 1993: Assistant Professor, The Beckman Institute for Advanced Science and Technology, Champaign, Illinois, USA.

1988 - 1993: Assistant Professor, Department of Psychology, University of Illinois at Urbana-Champaign, Champaign, Illinois, USA.

1987 - 1988: Visiting Assistant Professor, Department of Psychology, University of Illinois at Urbana-Champaign, Champaign, Illinois, USA.

1986 - 1987: Research Scientist, Department of Psychology, Free University of Amsterdam, Amsterdam, The Netherlands.

1984 - 1985: Mathematical Consultant, Biomathematical Computer Center, Czechoslovak Academy of Sciences, Prague, Czechoslovakia.

1982 - 1984: Research Scientist at the Laboratory of Psychophysiology, Institute of Physiology, Czechoslovak Academy of Sciences, Prague, Czechoslovakia.

1981 - 1982: Research Scientist at the Laboratory of Psychophysics, Institute of Psychology, Academy of Sciences of USSR, Moscow, USSR.

1979 - 1981: Assistant Professor and Research Scientist, Department of Psychology, Moscow State University, Moscow, USSR.

Educational Background

1979: PhD degree in psychology, Moscow State University, Moscow, USSR. PhD dissertation: Elementary constituents of visual percept.

1975: BS degree in psychology, Moscow State University, Moscow, USSR. BS Thesis: Reaction time to the presence/absence of apparent motion under two-flash stimulation condition.

Editorship and Panels

2024: Guest editor (with S. Abramsky, A. Cabello, and P. Kurzynski) of the special issue of the Philosophical Transactions of the Royal Society A: Quantum contextuality, causality, and freedom of choice (issue 382).

2021 - present: Editorial panel of Entropy, Multidisciplinary Applications Section.

2019: Guest editor (with S. Abramsky, A. Cabello, and P. Kurzynski) of the special issue of the Philosophical Transactions of the Royal Society A: Contextuality and Probability in Quantum Mechanics and Beyond (issue 377).

2017: Guest editor (with E. Haven, A. Khrennikov, and S. Sozzo) of the special issue of the Journal of Mathematical Psychology: Quantum Probability and Contextuality in Psychology and Economics (volume 78, pp. 1-106).

2015: Guest editor (with J.V. Kujala and R. Suck) of the special issue of the Journal of Mathematical Psychology: Foundations of Probability Theory in Psychology and Beyond (volume 74, pp. 1-146).

2013 - 2023: co-editor (with W. Batchelder and Hans Colonius) of The New Handbook of Mathematical Psychology, published by Cambridge University Press.

2008: NSF panel for Human and Social Dynamics/Dynamics of Human Behavior Program

2000 - present: co-editor (with H. Colonius) of the book series Advanced Series on Mathematical Psychology, published by World Scientific.

1999 - 2003: associate editor of Psychometrika.

1995 - 2023: associate editor of Journal of Mathematical Psychology

Research Areas

Mathematical psychology (general)

Probabilistic contextuality across sciences and foundations of probability

Theory of selective influences on random outputs

Subjective topology and geometry of stimulus spaces derived from discrimination functions

Sorites "paradox"

Abstract psychophysics of detection, discrimination, and recognition

Response time (RT) analysis: RT modeling, RT decompositions, processing time architectures

Theory of measurement, dimensional analysis in psychology and physics

Analysis of choice, dominance, and performance matrices: double skew-dual scaling and its extensions

Visual kinematics: visual transformations of moving objects (geometric, temporal, and brightness transformations) and relationships between perceived space, time, and motion

Visual motion perception: detection of and reaction time to motion onset and motion changes, discrimination of motion states, selective adaptation to motion

Direction identification in random kinematograms and chord sequences

Honors and Awards

Membership at the Foundational Questions Institute (FQXi) (2021 -).

Fellowship at Swedish Collegium for Advanced Studies, Uppsala, Sweden (2009).

Journal of Mathematical Psychology Outstanding Paper Award for the years 2001-2003 (2004).

Fellowship at Swedish Collegium for Advanced Studies in Social Sciences, Uppsala, Sweden (2003-2004).

Alexander von Humboldt Research Award for senior scientists (2003-2004).

Fellowship at Hanse Wissenschaftskolleg (Institute for Advanced Studies), Delmenhorst, Germany (1997 - 1998).

H.C. Petit Distinguished Professorship (1994, University of Illinois at Urbana-Champaign).

Financial Support

Contextuality, (in)determinism, and free will. FQxI Mini-grant 2022-23 ($3,025).

Purdue Research Refresh grant 2020-21 ($59,843).

Parametric Assumptions and Model Falsifiability. Air Force Office of Scientific Research grant, 2014 ($627,692 for 4 years, co-PI, with Matt Jones as PI).

Alexander von Humboldt Research Award, 2015 (Euros 17330).

Selective Probabilistic Causality As Interdisciplinary Methodology. National Science Foundation grant, 2012 ($200,000 for 3 years; with Janne Kujala and Jerome Busemeyer as co-PIs).

Causal networks with selectively influenced components. Air Force Office of Scientific Research grant, 2009 ($598,469 for 3 years, coequal PI with Richard Schweickert; with Janne Kujala as co-PI; supplemental funding $75,000).

Fechnerian scaling: Metric from discriminability. National Science Foundation Grant, 2006 ($250,000 for 3 years, co-PI Hans Colonius).

Regular Minimality principle in relation to decision making and categorization. Air Force Office of Scientific Research grant, 2006 ($311,076 for 05/01/2006-11/30/2008, co-PIs Hans Colonius and Adele Diederich; extended until 11/30/2009 with supplementary $90,494).

Fechnerian scaling: Metric from discriminability. National Science Foundation Grant, 2003 ($215,000 for 3 years). Alexander von Humboldt Research Award, 2003-2004 (Euros 60,000).

Multidimensional Fechnerian Scaling: Metric from Discriminability (jointly with H. Colonius). Alexander von Humboldt Foundation Grant, 2001 (DM 53,700 for 3 years).

Fechnerian scaling: Metric from discriminability. National Science Foundation Grant, 2000 ($210,000 for 3 years).

Subjective metrics in stimulus spaces. Purdue Research Foundation Summer Research Grant, 1999 ($5,000).

H.C. Petit Distinguished Professorship Award, 1994 ($10,000).

Project using an X-Y light galvanometer in experiments on apparent space transformations in motion. The Beckman Institute for Advanced Science and Technology Equipment Grant, 1992 ($6,145).

Visual motion detection in fronto-parallel plane. University of Illinois Research Board Grant, 1989 ($25,264).

Participation in Professional Societies

2021 - present: Member, Foundational Questions Institute (FQxI).

2003 - present: Member, Alexander von Humboldt Society.

1999 - present: Member, International Society for Psychophysics.

1987 - present: Member, Society for Mathematical Psychology.

2005 - 2007: Member, Executive Committee of the International Society for Psychophysics.

1995 - 2001: Member, Executive Committee of the Society for Mathematical Psychology.

1999 - 2000: Vice-President of the Society for Mathematical Psychology.

1998 - 1999: President of the Society for Mathematical Psychology.

Organization of Symposia, Workshops, and Conferences

Symposium in memoriam Allen Parducci (September 2024). Meeting of the European Mathematical Psychology Group, in Tübingen, Germany.

Workshop Quantum Contextuality in Quantum Mechanics and Beyond (December 2022) in Prague, Czech Republic (with Samson Abramsky, Adan Cabello, Pawel Kurzynski, Víctor Cervantes).

Virtual colloquium Quantum Contextuality in Quantum Mechanics and Beyond (October 2020 —) (with Samson Abramsky, Adan Cabello, Pawel Kurzynski).

Virtual workshop Quantum Contextuality in Quantum Mechanics and Beyond (May 2021) (with Víctor Cervantes, Samson Abramsky, Adan Cabello, Pawel Kurzynski).

Workshop Quantum Contextuality in Quantum Mechanics and Beyond (May 2019) in Prague, Czech Republic (with Samson Abramsky, Adan Cabello, Pawel Kurzynski).

Probability and Contextuality (2018, November). Purdue Winer Memorial Lectures, at Purdue University (with Victor Cervantes and Maria Kon).

Workshop Quantum Contextuality in Quantum Mechanics and Beyond (May 2018) in Prague, Czech Republic (with Samson Abramsky, Adan Cabello, Andrei Khrennikov, Pawel Kurzynski).

Symposium "Quantum contextuality" at Foundations of Quantum Mechanics and Technology (June 2017) in Växjo, Sweden (with Adan Cabello).

Workshop Quantum Contextuality in Quantum Mechanics and Beyond (June 2017) in Prague, Czech Republic (with Samson Abramsky, Acacio deBarros, Adan Cabello, Pawel Kurzynski).

Meeting of the European Mathematical Psychology Group, in Copenhagen, Denmark (June, 2016) (with Matthias Gondan, Steven Blurton, Michel Regenwetter, Jürgen Heller, Hans Colonius, Luca Stefanutti).

Symposium in memoriam Patrick Suppes (September 2015). Meeting of the European Mathematical Psychology Group, in Padova, Italy (with James Townsend).

Special Session "Quantum like models in economics and psychology" at Quantum Theory: from Foundations to Technologies (June 2015) in Växjo, Sweden (with Emmanuel Haven, Andrei Khrennikov, Sandro Sozzo).

Quantum Probability and the Mathematical Modeling of Decision Making (2015, March). Fields Institute, Toronto, Canada (with Jerome Busemeyer, Emmanuel Haven, Andrei Khrennikov, Arkady Plotnitsky, Emmanuel Pothos)

Contextuality From Physics to Psychology (2014, November). Purdue Winer Memorial Lectures, at Purdue University (with Scott Jordan and Ru Zhang).

Applications of Distances in Behavioral and Life Sciences (2012, July). International Conference on Mathematics of Distances and Applications in Varna, Bulgaria.

Applied Significance of Foundations of Probability (2011, July). Meeting of the Society for Mathematical Psychology in Medford, Massachusetts.

Normative and Descriptive Models of Behavior (2010, October). Purdue Winer Memorial Lectures, at Purdue University (with Lacey Perry).

Matching Regularity and Fechnerian Scaling (2010, October). Meeting of the International Society for Psychophysics, in Padua, Italy.

Perceptual Discrimination (2008, July). Meeting of the International Society for Psychophysics, in Toronto, Canada. Selective Influence (2008, July). Meeting of the Society for Mathematical Psychology in Washington, DC.

Mathematical Psychology as Applied Mathematics (2007, November). Purdue Winer Memorial Lectures, at Purdue University (with Oh-Sang Kwon).

Mathematical Theories of Perceptual Discrimination (2006, September). Meeting of the European Mathematical Psychology Group, in Brest, France (with Hans Colonius).

Measurement in Perception (2005, October). Meeting of the International Society for Psychophysics, in Traverse City, Michigan.

Theory and Applications of Fechnerian Scaling (2005, September). Workshop at European Mathematical Psychology Group Meeting, in Padua, Italy (with Hans Colonius).

Applications of Measurement Theory to Psychophysics (2005, August). Meeting of the Society for Mathematical Psychology (Memphis, Tennessee).

New Developments in Multidimensional Metric Representations (2003, August). Meeting of the European Mathematical Psychology Group, in Madrid, Spain (with Hans Colonius).

Purdue Winer Memorial Lectures, at Purdue University (November 2002, with Justin MacDonald). Conference on mathematical psychology, at Purdue University (2001, November).

Measurement of Sensation: The State of the Art (2001, October). Meeting of the International Society for Psychophysics, in Leipzig, Germany (with Hans Colonius).

Fechnerian scaling: Subjective metrics derived from discriminability measures (1999, October). Meeting of the International Society for Psychophysics, in Tempe, Arizona.

Subjective metrics in stimulus spaces (1998, August). Meeting of the Society for Mathematical Psychology, in Nashville, Tennessee (with Douglas C. Creelman).

Selective influence in the analysis of mental architectures (1997, August). Meeting of the Society for Mathematical Psychology, in Bloomington, Indiana (with Robin Thomas).

Invited Conference Presentations

Dzhafarov, E.N. (2022, August). A general proof that context-independent mapping (or local causality) and free choice are equivalent. Frontiers of Quantum and Mesoscopic Thermodynamics (Prague, Czech Republic).

Dzhafarov, E.N. (2021, July). Quantum contextuality: Most general definition? Frontiers of Quantum and Mesoscopic Thermodynamics (virtual).

Dzhafarov, E.N. (2019, December). CbD's view of STC. Logic and Structure in Computer Science and Beyond (Leiden, The Netherlands).

Cervantes, V.H., & Dzhafarov, E.N. (2019, July). Contextuality in human decision making. Frontiers of Quantum and Mesoscopic Thermodynamics (Prague, Czech Republic).

Dzhafarov, E.N., & Kujala, J.V. (2019, July). Measures of contextuality and noncontextuality. Frontiers of Quantum and Mesoscopic Thermodynamics (Prague, Czech Republic).

Dzhafarov, E.N., & Cervantes, V.H. (2019, June). Contextuality in human behavior. Towards Ultimate Quantum Theory (Växjo, Sweden).

Dzhafarov, E.N., & Kujala, J.V. (2019, June). Measures of contextuality and noncontextuality. Quantum Information Revolution (Växjo, Sweden).

Dzhafarov, E.N. & Cervantes, V.H. (2018, June). Behavioral Contextuality. Towards Ultimate Quantum Theory (Växjo, Sweden).

Dzhafarov, E.N. (2018, June). Contextuality Analysis. Towards Ultimate Quantum Theory (Växjo, Sweden).

Dzhafarov, E.N., Cervantes, V.H., & Kujala, J.V. (2017, June). Canonical Representations of Quantum Measurements for Contextuality Analysis. Foundations of Quantum Mechanics and Technology (Växjo, Sweden).

Dzhafarov, E.N., & Kujala, J.V. (2016, June). Quantum Contextuality Extended to Arbitrary Systems of Measurements. Quantum and Beyond (Växjö, Sweden).

Dzhafarov, E.N., & Kujala, J.V. (2015, July). Contextuality in Systems with Measurement Errors and Signaling. Frontiers of Quantum and Mesoscopic Thermodynamics (Prague, Czech Republic).

Dzhafarov, E.N., Kujala, J.V., Larsson, J.-Å., & Cervantes, V.H. (2015, June). Contextuality: An Almost General Theory. Quantum Foundations and Quantum Information (Växjö, Sweden).

Dzhafarov, E.N. (2014, June). Contextuality on top of Signaling. Quantum Foundations & Quantum Information (Växjo, Sweden).

Dzhafarov, E.N. (2013, December). Contextuality-by-Default, from Psychology to Quantum Physics. New Mathematical Approaches to Behavioral Sciences, conference organized at the Institute of Mathematical Behavioral Sciences of UCI (Irvine, California).

Dzhafarov, E.N. (2013, June). Contextuality Embedded in the Classical Probability Theory with Multiple Sample Spaces: No-Forcing and No-Matching Theorems. Quantum Foundations & Quantum Information (Växjo, Sweden).

Dzhafarov, E.N. (2013, February). All-Possible-Couplings Approach to Context and Determinism. Quantum Thinking, conference organized at the Institute of Mathematical Behavioral Sciences of UCI (Irvine, California).

Dzhafarov, E.N. (2012, July). Selective Influences and Quantum Mechanics. Workshop "Building Human Cognitive Models Using Quantum Probability and Dynamics," organized by Jerome Busemeyer and Zheng Wang (Columbus, Ohio).

Dzhafarov, E.N. (2008, June). Foundations of Fechnerian Scaling. Training Course for senior researchers on "Theory and Methods of Measurement with Persons" (Genoa, Italy).

Dzhafarov, E.N. (2006, April). Universal Fechnerian Scaling: Computing distances from discriminability. Coombs Lectures (Ann Arbor, Michigan).

Dzhafarov, E.N. (2006, April). Same or Different? Hoosier Mental Life Meeting (Bloomington, Indiana).

Dzhafarov, E.N. (2005, October). Discrimination, dissimilarity, distance. Purdue Winer Memorial Lectures (West Lafayette, Indiana).

Dzhafarov, E.N., & Colonius, H. (2004, August). Deriving metric from discriminability: Overview of general theory. Meeting of the Society for Mathematical Biology (Ann Arbor, Michgan).

Dzhafarov, E.N. (2004, May). Purely psychological theory of Fechnerian Scaling. SCASSS Seminar 2004 (Tartu, Estonia).

Dzhafarov, E.N. (2003, October). Two fundamental properties of perceptual discrimination. Meeting of the Swedish Society for Perception (Uppsala, Sweden).

Dzhafarov, E.N. (2002, August). Two types of psychometric functions. European Mathematical Psychology Group Meeting (Bremen, Germany).

Dzhafarov, E.N. (2001, October). Fechnerian scaling and Thurstonian modeling. Invited presentation at the Meeting of the International Society for Psychophysics (Leipzig, Germany).

Dzhafarov, E.N. (2001, July). Fechnerian and Thurstonian analyses of discrimination probabilities. Invited presentation at the International Meeting of the Psychometric Society (Osaka, Japan).

Dzhafarov, E.N., & Colonius, H. (1999, October). Fechnerian metrics. Invited presentation at the Meeting of the International Society for Psychophysics (Tempe, Arizona).

Dzhafarov, E.N. (1995, August). Modeling and decomposing response times. Invited presentation at the conference in honor of R. Duncan Luce (Irvine, California).

Dzhafarov, E.N. (1994, September). Dimensional analysis, identifiable scale points, and measurement procedures. Invited presentation at the conference in honor of Herman von Helmholtz and R. Duncan Luce entitled, Foundations of Measurement: The Theory of Representability and the Nature of Numbers (Kiel, Germany).

Dzhafarov, E.N. (1993, July). Meaningfulness, measurement-dependent constants, and dimensional analysis. Invited presentation at the conference in honor of Tarow Indow entitled, Geometric Representations of Perceptual Phenomena (Irvine, California).

Dzhafarov, E.N. (1984, October). A general theory of visual motion detection. Invited presentation at the International Conference on Computational Models of Hearing and Vision (Tallin, USSR).

Dzhafarov, E.N. (1984, October). Space contraction in motion. Invited presentation at the International Conference on Computational Models of Hearing and Vision (Tallin, USSR).

Keynote Addresses

(2016, July) Quantum Interaction (San Francisco, CA).

(2014, July) European Mathematical Psychology Group Meeting (Tubingen, Germany).

(2012, July) International Conference on Mathematics of Distances and Applications (Varna, Bulgaria). (2010, September) European Mathematical Psychology Group Meeting (Jyvaskyla, Finland).

(2008, September) European Mathematical Psychology Group Meeting (Graz, Austria).

(2008, February) International Conference on Riemann-Finsler Geometry (Indianapolis, IN).

(2005, September) European Mathematical Psychology Group Meeting (Padua, Italy).

(2002, August) European Mathematical Psychology Group Meeting (Bremen, Germany).

(2002, July) Meeting of the Society for Mathematical Psychology (Oxford, Ohio).

Papers Presented at Conferences

Dzhafarov, E.N. (2024, September). Parducci frequency. European Mathematical Psychology Group (Tübingen, Germany).

Dzhafarov, E.N. (2023, July). Contextuality and hidden variable models. Society for Mathematical Psychology Meeting (Amsterdam, The Netherlands).

Dzhafarov, E.N. (2022, December). Free choice, causality, contextuality, and signed measures. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (Prague, Czech Republic).

Dzhafarov, E.N. (2022, September). Context-Independence and Freedom of Choice are equivalent: A general proof. European Mathematical Psychology Group Meeting (Rovereto, Italy).

Dzhafarov, E.N., & Kujala, J.V., Cervantes, V.H. (2021, July). Measures of the degree of contextuality and noncontextuality. Society for Mathematical Psychology Meeting (virtual, https://www.youtube.com/watch?v=HUHOWH7Sbug).

Dzhafarov, E.N., & Kujala, J.V., Cervantes, V.H. (2021, May). All about cyclic systems. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (virtual, https://www.youtube.com/watch?v=dF5mugGduSk&t=1380s).

Dzhafarov, E.N (2020, November). Contextuality as a property of content-context systems of random variables. Colloquium Quantum Contextuality in Quantum Mechanics and Beyond (https://www.youtube.com/channel/UC0wdKy1NQsLfC-Ce__nHcw/videos).

Dzhafarov, E.N (2020, July). Contextuality as an extension of selective influences. Society for Mathematical Psychology Meeting (virtual, https://www.youtube.com/watch?v=4M3CQJRmrrM).

Dzhafarov, E.N., & Kujala, J.V. (2019, July). Measures of contextuality and noncontextuality. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (Prague, Czech Republic).

Dzhafarov, E.N., & Kujala, J.V. (2019, May). Measures of contextuality and noncontextuality. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (Prague, Czech Republic).

Cervantes, V.H., & Dzhafarov, E.N. (2018, November). Direct influences vs contextuality in human choices. Purdue Winer Memorial Lectures (West Lafayette, Indiana).

Dzhafarov, E.N. (2018, November). Miscellaneous comments on contextuality. Purdue Winer Memorial Lectures (West Lafayette, Indiana).

Dzhafarov, E.N. (2018, May). Contextuality analysis. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (Prague, Czech Republic).

Dzhafarov, E.N., Kon, M. (2018, May). On universality of classical probability with contextually labeled random variables. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (Prague, Czech Republic).

Cervantes, E.N., & Dzhafarov, E.N. (2018, May). Two behavioral experiments revealing contextuality. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (Prague, Czech Republic).

Dzhafarov, E.N. (2017, June). Context-dependence and contextuality. Workshop Quantum Contextuality in Quantum Mechanics and Beyond (Prague, Czech Republic).

Cervantes, V.H., & Dzhafarov, E.N. (2016, August). Exploration of contextuality in a psychophysical double- detection experiment. Society for Mathematical Psychology Meeting (New Brunswick, NJ).

Zhang, R., & Dzhafarov, E.N. (2016, August). Testing contextuality in cyclic systems of high ranks using psychophysical data. Society for Mathematical Psychology Meeting (New Brunswick, NJ).

Dzhafarov, E.N., & Kujala, J.V. (2016, August). Context-Content Systems of Random Variables: The Contextuality- by-Default Theory. Society for Mathematical Psychology Meeting (New Brunswick, NJ).

Cervantes, V.H., & Dzhafarov, E.N. (2016, July). Exploration of contextuality in a psychophysical double-detection experiment. Quantum Interaction (San Francisco, CA)

Zhang, R., & Dzhafarov, E.N. (2016, July). Testing contextuality in cyclic psychophysical systems of high ranks. Quantum Interaction (San Francisco, CA)

Dzhafarov, E.N., & Kujala, J.V. (2016, June). Quantum Contextuality Extended to Arbitrary Content-Context Systems of Random Variables. Meeting of the European Mathematical Psychology Group (Copenhagen, Denmark).

Dzhafarov, E.N. (2015, September). Pat Suppes's (and Mario Zanotti's) Joint Distribution Criterion. Meeting of the European Mathematical Psychology Group, (Padova, Italy).

de Barros, J.A., Dzhafarov, E.N., Kujala, J.V., & Oas, G. (2015, July). Measuring Observable Quantum Contextuality. Quantum Interaction (Filzbach, Switzerland).

Dzhafarov, E.N., Kujala, J.V., Larsson, J.-Å., & Cervantes, V.H. (2015, July). Contextuality-by-Default: A Brief Overview of Ideas, Concepts and Terminology. Quantum Interaction (Filzbach, Switzerland).

Dzhafarov, E.N., Zhang, R., & Kujala, J.V. (2015, June). Is there contextuality outside physics? Quantum Foundations and Quantum Information (Växjö, Sweden).

Dzhafarov, E.N., & Kujala, J.V. (2015, March). Contextuality-by-Default approach to understanding random variables. Fields Institute conference on Quantum Probability and the Mathematical Modeling of Decision Making (Toronto, Canada).

Dzhafarov, E.N., & Kujala, J.V. (2014, November). General theory of contextuality and signaling. Purdue Winer Memorial Lectures (West Lafayette, Indiana).

Dzhafarov, E.N. (2014, July). Contextuality-by-Default. Society for Mathematical Psychology Meeting (Quebec City, Canada).

Dzhafarov, E.N., & Kujala, J.V. (2014, June). Contextuality Boundless but Measured: Extension of Bell-type Inequalities to Systems With Signaling. Quantum (Un)Speakables (Vienna, Austria).

Dzhafarov, E.N. , & Colonius, H. (2013, October). G.T. Fechner: Correcting historical misrepresentations. Fechner Day 2013, Meeting of the International Society for Psychophysics (Freiburg, Germany).

Colonius, H., & Dzhafarov, E.N. (2013, October). Ultrametric Fechnerian Scaling. Fechner's Day 2013, Meeting of the International Society for Psychophysics (Freiburg, Germany).

Dzhafarov, E.N. (2013, August). Revealing mental processing architectures with selectively influenced components. Society for Mathematical Psychology Meeting (Potsdam, Germany).

Dzhafarov, E.N., & Kujala, J.V. (2013, July). Can classical probability account for contextuality in quantum and non-quantum systems alike? Frontiers of Quantum and Mesoscopic Thermodynamics (Prague, Czech Republic).

Dzhafarov, E.N., & Kujala, J.V. (2013, July). A qualified Kolmogorovian account of probabilistic contextuality. Quantum Interaction 2013 (Leicester, England).

Dzhafarov, E.N., & Kujala, J.V. (2013, June). Probabilistic context through all-possible-couplings. The 4th International Conference on Cognitive Neurodynamics (Sigtuna, Sweden).

Dzhafarov, E.N., & Kujala, J.V. (2013, June). Contextuality embedded in the classical probability theory with multiple sample spaces: No-Forcing and No-Matching Theorems. Quantum Foundations and Quantum Information (Växjö, Sweden)

Colonius, H., & Dzhafarov, E.N. (2012, July). Ultrametric Fechnerian Scaling of discrete object sets. Society for Mathematical Psychology Meeting (Columbus, Ohio).

Zhang, R., & Dzhafarov, E.N. (2012, July). Perceptual separability through selective influence. Society for Mathematical Psychology Meeting (Columbus, Ohio).

Jones, M., & Dzhafarov, E.N. (2012, July). On the (un)falsifiability of models of choice RT. Society for Mathematical Psychology Meeting (Columbus, Ohio).

Dzhafarov, E.N., & Colonius, H. (2012, July). Re-reading Fechner and correcting historical misconceptions. Society for Mathematical Psychology Meeting (Columbus, Ohio).

Colonius, H., & Dzhafarov, E.N. (2012, July). Ultrametric Fechnerian Scaling of discrete object sets. International Conference on Mathematics of Distances and Applications (Varna, Bulgaria).

Kujala, J.V., & Dzhafarov, E.N. (2012, July). Pseudo-quasi metrics on jointly distributed random variables. International Conference on Mathematics of Distances and Applications (Varna, Bulgaria).

Jones, M., & Dzhafarov, E.N. (2012, June). The role of variability in models of choice RT. The Eleventh Annual Summer Interdisciplinary Conference (Cala Gonone, Sardinia).

Dzhafarov, E.N., & Kujala, J.V. (2012, June). Quantum entanglement and the issue of selective influences in psychology: An overview. Quantum Interaction 2012 (Paris, France).

Perry, L., & Dzhafarov, E.N. (2011, July). A test of tri-areal matching regularity for two-dimensional stimuli. Society for Mathematical Psychology Meeting (Medford, Massachusetts).

Dzhafarov, E.N., & Kujala, J.V. (2011, July). Can we do without sample spaces? Society for Mathematical Psychology Meeting (Medford, Massachusetts).

Dzhafarov, E.N., & Kujala, J.V. (2011, July). Joint Distribution Criterion and Linear Feasibility Test for selective influences. Society for Mathematical Psychology Meeting (Medford, Massachusetts).

Dzhafarov, E.N. (2011, January). Adavances in selective probabilisitc causality. AFOSR Cognition and Decision Program Review (Dayton , Ohio).

Dzhafarov, E.N. (2010, October). Dissimilarity and Regular Minimality. Purdue Winer Memorial Lectures (West Lafayette, Indiana).

Trendtel, M., Ünlü, A., & Dzhafarov, E.N. (2010, October). With what probability regular minimality can be satisfied by chance? Meeting of the International Society for Psychophysics (Padua, Italy).

Dzhafarov, E.N., & Paramei, G.V. (2010, October). Space of facial expressions: cumulated versus transformed dissimilarities. Meeting of the International Society for Psychophysics (Padua, Italy).

Kujala, J.V., & Dzhafarov, E.N. (2010, October). Regular Minimality Principle and well-behaved Thurstonian-type models. Meeting of the International Society for Psychophysics (Padua, Italy).

Dzhafarov, E.N., & Kujala, J.V. (2010, September). The Joint Distribution Criterion and the Distance Tests for Selective Probabilistic Causality. European Mathematical Psychology Group Meeting (Jyvaskyla, Finland).

Perry, L., & Dzhafarov, E.N. (2010, September). Matching Regularity for 2D Shapes and Locations. European Mathematical Psychology Group Meeting (Jyvaskyla, Finland).

Perry, L., & Dzhafarov, E.N. (2010, August). Matching Regularity for 2D Shapes and Locations. Society for Mathematical Psychology Meeting, Portland, Oregon.

Dzhafarov, E.N., & Kujala, J.V. (2010, August). A Criterion and Tests for Selective Probabilistic Causality. Society for Mathematical Psychology Meeting, Portland, Oregon.

Dzhafarov, E.N. (2010, January). Adavances in selective probabilisitc causality. AFOSR Cognition and Decision Program Review (Washington, DC).

Kiefer, T., Unlu, A., & Dzhafarov, E.N. (2009, August). Fechnerian Scaling in R. Society for Mathematical Psychology Meeting, Amsterdam, The Netherlands.

Kujala, J.V., & Dzhafarov, E.N. (2009, August). Reconciling Regular Minimality with Thurstonian-type Models. Society for Mathematical Psychology Meeting, Amsterdam, The Netherlands.

Perry, L., & Dzhafarov, E.N. (2009, August). Perceptual discrimination of two-dimensional stimuli: a test of matching regularity. Society for Mathematical Psychology Meeting, Amsterdam, The Netherlands.

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