

Square 2022: 7th World Congress on the Square of Opposition

KU Leuven, Belgium September 9-13, 2022

Institute of Philosophy, Kardinaal Mercierplein 2, 3000 Leuven

	Friday 09/09/2022
9:00-9:45 (room C)	Registration
9:45-10:00 (room A)	Welcome
10:00-11:00 (room A)	Keynote Christophe Geudens (KU Leuven) <i>On the Aristotelian Roots of the Modal Square of Opposition</i>
11:00-11:30 (entrance hall)	coffee break
11:30-12:00 (room A)	Julio Michael Stern (University of Sao Paulo) <i>An Epistemological Hexagon of Opposition for C. G. Jung Color Spectrum Metaphors</i>
12:00-12:30 (room A)	Dominique Mendy (Université Cheikh Anta Diop – Dakar) <i>Les Oppositions Paradoxaes Kierkegaardienes: Portées Heuristiques</i>
12:30-13:00 (room A)	Andrea Buongiorno (University of Oxford) <i>Aristotle on the square of opposition and the triangle of contrariety</i>
13:00-14:30 (Alma restaurant)	lunch break
14:30-15:00 (room A)	Boaz Schuman (University of Copenhagen) <i>Intensional Requirements in the Modal Octagon</i>
15:00-15:30 (room A)	Fabien Schang (Universidade Federal de Goiás) <i>Quantifying Oppositions: Why Every thing is not Everything (among other 'thing's)</i>
15:30-16:00 (room A)	Gianluigi Segalerba (Arbeitskreis Kulturanalyse, Universität Wien) <i>Elements, Foundations and Aims of E. J. Lowe's Ontological Square</i>
16:00-16:30 (room A)	Vladimir Lobovikov (Ural Federal University) <i>A New Metatheoretic Square and Hexagon Uniting Empirical Theories with A-Priori Ones, and Uniting Theories Based on the Classical Logic with Ones Based on a Nonclassical Logic</i>

16:30-17:00 (entrance hall)	coffee break
17:00-17:30 (room A)	Friedrich von Petersdorff (Independent scholar) <i>A Meta-Layer of Historical Time and the Square of Opposition</i>
17:30-18:00 (room A)	Rainer Kivi (Estonian Descartes Institute) <i>Could the Peripatetic Octagon Be Used as a Universal Framework in Social Sciences: An Attempt of an Application in the Field of Historical Linguistics</i>
18:00-18:30 (room A)	Laurent Dubois (Logico-Divergence) <i>Unexpected Consequences of the Systematic Consideration of the Oppositional Bi-Simplex of Dimension 0</i>
19:00-22:00 (entrance hall)	welcome reception

	Saturday 10/09/2022
9:00-9:30 (room A)	Tutorial 1 Wolfgang Lenzen (Universität Osnabrück) <i>Abelard's Theory of Opposition</i>
9:30-10:00 (room A)	Tutorial 2 Wolfgang Lenzen (Universität Osnabrück) <i>Abelard's Theory of Opposition</i>
10:00-10:30 (room A)	Didier Dubois, Henri Prade and Agnès Rico (IRIT/CNRS – Université Paul Sabatier – Université Claude Bernard Lyon 1) <i>Modern vs. Classical Structures of Opposition</i>
10:30-11:00 (room A)	Andrew Aberdein (Florida Institute of Technology) <i>Nelson's Hexagon</i>
11:00-11:30 (entrance hall)	coffee break
11:30-12:00 (room A)	Arman Besler (Nevsehir Haci Bektas Veli University) <i>Contrariety and Aristotle's Rejection of the Subaltern Moods</i>
12:00-12:30 (room A)	Stef Frijters (KU Leuven) <i>Aristotelian Diagrams for the Modal Logic of All and Only</i>
12:30-13:00 (room A)	Ioannis Vandoulakis and Tatiana Denisova (University of Thessaly - Surgut State University) <i>On the Origins of the Aristotelian Terminology of the Theory of Opposition</i>
13:00-14:30 (council chamber)	lunch break

14:30-15:00 (room A)	Tutorial 1 Saloua Chatti (University of Tunis) <i>Logical Oppositions in Avicenna's System</i>
15:00-15:30 (room A)	Tutorial 2 Saloua Chatti (University of Tunis) <i>Logical Oppositions in Avicenna's Systems</i>
15:30-16:00 (room A)	Robert van Rooij (ILLC, Universiteit van Amsterdam) <i>The Square(s) of Causal-Based Modal Opposition</i>
16:00-16:30 (room A)	Lorenz Demey (KU Leuven) <i>Two Perspectives on Existential Import</i>
16:30-17:00 (entrance hall)	coffee break
17:00-17:30 (room A)	Serge Robert (Université du Québec à Montréal) <i>Fuzzy Squares of Opposition</i>
17:30-18:30 (room A)	Keynote Janie Brisson (Université du Québec à Montréal) <i>Metalogical Properties and Cognition: Logical Systems, Invariable Properties and the Basics of Critical Thinking</i>

	Sunday 11/09/2022
9:00-9:30 (room A)	Tutorial 3 Wolfgang Lenzen (Universität Osnabrück) <i>Abelard's Theory of Opposition</i>
9:30-10:00 (room A)	Tutorial 1 Lorenz Demey and Hans Smessaert (KU Leuven) <i>Leonardi.DB: An Empirical Foundation for the Study of Aristotelian Diagrams</i>
10:00-11:00 (room A)	Keynote Fabien Schang (Universidade Federal de Goiás) <i>Political Oppositions</i>
11:00-11:30 (entrance hall)	coffee break
11:30-12:00 (room A)	François Lepage (Université de Montréal) <i>Squares, Octagons, Dodecagons, and Beyond: the Case of Intuitionistic Logic</i>
12:00-12:30 (room A)	Antonino Drago (University "Federico II" of Naples-I) <i>Defining Universal Logic as Composed by Two Kinds of Square of Opposition and their Mutual Translations</i>
12:30-13:00 (room A)	Duilio D'Alfonso (University of Palermo) <i>Semiotics Meets Logic: Greimas' Square and the Structure of Semantic Universes</i>

13:00-14:30 (council chamber)	lunch break
14:30-15:00 (room A)	Tutorial 3 Saloua Chatti (University of Tunis) <i>Logical Oppositions in Avicenna's Systems</i>
15:00-15:30 (room A)	Dany Jaspers (KU Leuven) <i>Square Extensions and Number Words</i>
15:30-16:00 (room A)	Stef Frijters (KU Leuven) <i>Generalizing the Square</i>
16:00-16:30 (room A)	José David García-Cruz (Pontificia Universidad Católica de Chile) <i>A System of Privative Consequence Based on Ammonius' Analysis of De Interpretatione 19b 22–29</i>
16:30-17:00 (entrance hall)	coffee break
17:00-18:30 (court yard)	guided tour Leuven
19:00-22:00 (Mykene restaurant)	conference dinner

	Monday 12/09/2022
9:00-9:30 (room A)	Tutorial 2 Lorenz Demey and Hans Smessaert (KU Leuven) <i>Leonardi.DB: An Empirical Foundation for the Study of Aristotelian Diagrams</i>
9:30-10:00 (room A)	Tutorial 3 Lorenz Demey and Hans Smessaert (KU Leuven) <i>Leonardi.DB: An Empirical Foundation for the Study of Aristotelian Diagrams</i>
10:00-11:00 (room A)	Keynote Atsushi Shimojima (Doshisha University) <i>Semantics of Diagrams, with Implications on their Cognitive Functions</i>
11:00-11:30 (entrance hall)	coffee break
11:30-12:00 (room A)	José David García-Cruz and Yessica Espinoza Ramos (Pontificia Universidad Católica de Chile – Benemérita Universidad Autónoma de Puebla) <i>Atheism as a Privation of Theism: An Octagon of Opposition for the Theism/Atheism Debate</i>
12:00-12:30 (room A)	Karine Xavier Cavalcante Ferreira (Federal University of Rio de Janeiro – Université de Paris Denis Diderot) <i>Considerations about the Psychoanalytic Method and its Subject, from the Hexagon of Oppositions</i>

12:30-13:00 (room A)	Davide Falessi (Universität Luzern – École pratique des hautes études) <i>The Ockhamist Hexagon of Modalities</i>
13:00-14:30 (Alma restaurant)	lunch break
14:30-15:00 (room A)	Koen Roelandt and Hans Smessaert (KU Leuven) <i>Aristotelian Subdiagrams in the Boolean Algebras B_4 and B_5</i>
15:00-15:30 (room A)	Jean-Yves Béziau (University of Brazil – Brazilian Academy of Philosophy – Brazilian Research Council) <i>A Hexagon to Clarify Kant's Two Dualities: Analytic/Synthetic – A Priori/A Posteriori</i>
15:30-16:00 (room A)	Claudia Anger and Jens Lemanski (University of Hagen) <i>The Square of Opposition in Krause's Analytical Logic</i>
16:00-16:30 (room A)	Joachim Mueller-Theys (Independent scholar) <i>A Mathematized Theory of Similarity and Equality Related to the Square</i>
16:30-17:00 (entrance hall)	coffee break
17:00-17:30 (room A)	Ryan Christensen (Brigham Young University) <i>On the Uniqueness of the Contrary</i>
17:30-18:00 (room A)	Leander Vignero (KU Leuven) <i>Algebraic Approaches to Logical Geometry</i>
18:00-18:30 (room A)	Yiannis Kiouvrekis, Petros Stefaneas and Ioannis Vandoulakis (National Technical University of Athens – University of West Attica – University of Nicosia – University of Thessaly) <i>A Unified Category-Theoretic Framework for the Study of the Square of Opposition</i>

	Tuesday 13/09/2022
9:00-9:30 (room A)	Kherian Gracher (Federal University of Rio de Janeiro) <i>New Light on the Tetrahedron of Opposition and its Nameless Corner</i>
9:30-10:00 (room A)	Ori Milstein (Ben-Gurion University of the Negev) <i>Why the Hexagon of Opposition is a Triangle: The Many Faces of Logical Polytopes</i>
10:00-11:00 (room A)	Keynote Oksana Cherkashina (Moscow State University) <i>Logical Polygon for Propositions about n-place Relations: Principles of Constructing and Rules of Application</i>
11:00-11:30 (entrance hall)	coffee break

11:30-12:00 (room A)	Jari Palomäki (Tampere University) <i>Three Logical Squares of Intensional Relational Concepts</i>
12:00-12:30 (room A)	Caroline Pires Ting (Federal University of Rio de Janeiro) <i>Relationships between Love Attitudes in Chinese Thought</i>
12:30-13:00 (room A)	Alessio Moretti <i>A sheaf-theoretic and ND-Pascalian analysis of the (three-valued) tri-triangle of oppositional geometry</i>
13:00-14:30 (Alma restaurant)	lunch break
14:30-15:00 (room A)	Martin Horsch, Silvia Chiacchiera, Michael Seaton, Ilian Todorov, Simon Stephan and Björn Schembera (Norwegian University of Life Sciences – UKRI STFC Daresbury Laboratory – TU Kaiserslautern – Univ. of Stuttgart) <i>What is a Reproducibility Claim?</i>
15:00-15:30 (room A)	Final Round Square Table