The Program of the 2nd World Congress on Logic and Religion

Day 1 (June 18)

14.30-16.00	**Registration**
16.00-16.30	**Opening**
16.30-17.30	**Plenary Session 1a** (room A) Saul **Kripke**, Romina **Padro**: *Descartes on Eternal Truths*
	// coffee break
18.00-19.00	**Plenary Session 1b** (room A) Giuseppe **Veltri**: *The "principle of contradiction": Jewish scepticism and Protestant interpretation of Jewish thought*
	// coffee break
19.15	**Welcome Reception**

Day 2 (June 19)

9.00-11.00	**Plenary Session 2** (room A) 1. Johannes **Bronkhorst**: *Logic and language in Indian religions* 2. Jessica **Frazier**: *The logic of identity and the search for a 'fundamental reality' in India*

// coffee break

11.15-13.15

Logic of Talmud and Other Legal Traditions (room B)
chair: Walter Young
1. Andrew **Schumann**
   On the Babylonian Origin of Logic
2. Alexander **Rybalov**
   Non-distributive implications for Judaic theological judgments
3. Seyed Mohammad **Mousavi Motlaq**
   Golden rule as a logical consistency and establishing "justice" in religious community
4. Iveta **Leitane**
   Border concepts in hermeneutics of ethical situations in Talmudic discussions

Eastern Christianity and Logic 1 (room C)
chair: Anna Zhyrkova
1. Basil **Lourié**
   What Means "Tri-" in "Trinity"? An Analysis of the Eastern Patristic Approach
2. Dmitry **Biriukov**
   Gregory of Nyssa's teaching of United Man and its logical context
3. Paweł **Rojek**
   Theological Logic: The Logical Debate on the Antinomies in Orthodox Theology

Trinity, Unity and Logic (room D)
chair: Benoit Sauzay
1. Gaell **Guibert**
   A "Logical" Trinity of Rational Ideas Across a Logic of Operators
2. Antonino **Drago**
   The intuitionist reasoning in Nicholas of Cusa's theology
3. Ilya **Dvorkin**
   Unity of God and multiplicity of man in the context of dialogical logic of Cohen and Rosenzweig
4. Roman **Murawski**
   Mathematics and Theology in the Thought of Nicholas of Cusa

Mathematics and Religion 1 (room E)
chair: Talia Leven
1. Julio **Stern**
   Renouncing the Bride: Karl Pearson on Causes and Inverse Probabilities. Inverted Spinozism, Idealism & Goodness-of-Fit.
2. Emil **Badici**
   Pascal's Wager: Mixed Strategies and Conditional Infinite Disutility
3. Peter **Vojtas**
   Biblical parables and Galois-Tukey connections
4. Marguerite **de Werszowec Rey**
   Sample of use of Mizar system of verification of Logical validity of Reasoning The model of Religion In Principia Humanistica Professor Krzysztof de Werszowec Rey Study of its validity

Symbols, Models and Dialectics (room F)
chair: Susana Gómez
1. Elena **Ficara**
   Dialectical Jesus
2. Jens **Lemanski**
   Doing Logic with the St. Andrews Cross
3. Lu **Jiang**
   Ockham's Model of Time and His Solution to the Problem of Predestination
4. Richard **Johns**
   Logic as divine belief dynamics

// lunch

15.00-17.00

Computers and the Divine (room B)
chair: Kordula Świętorzecka
1. Colin **James III**
   Meth8 on Karl Popper proof Ex(Gx)
2. Christoph **Benzmüller**, David **Fuenmayor**
   The Virtues of Automated Theorem Proving in Metaphysics A Case Study: E.J. Lowe's Modal Ontological Argument
3. Gianfranco **Basti**
   Operator Algebra in Physics, Computer Science, and Logic. A New Perspective for a Naturalistic Formal Ontology.

Western Christianity and Logic 1 (room C)
chair: Piotr Lichacz
1. Susana **Gómez**
   Contradictions, Rationality and the belief in an Incarnate God
2. Benoit **Sauzay**
   cA Logic of Operators to Analyze Ideas of "God" and beyond
3. Beau **Branson**
   How to Solve the Logical Problem of the Trinity
4. Derek **von Barandy**
   Indeterminate Identity and the Trinity

Agnosticism, Religious and Quasi-Religious Beliefs (room D)
chair: Giovanni Mion
1. Aleksei **Rakhmanin**
   What is the Logic of a Parable? Assessing Arguments for Agnosticism in Religious Studies and Philosophy
2. Bertrand **Saint-Sernin**
   Maurice Blondell: Faith and Agnosticism
3. Vladislav **Shaposhnikov**
   Logic as an Object of Quasi-Religious Belief: the Case of Bertrand Russell
4. Qodratullah **Qorbani**
   An Analyses on Gradual Rationality of Religious Beliefs System

Religion and Paradox (room E)
chair: Roomet Jakapi
1. Víctor **Cantero-Flores**, Héctor **Hernández-Ortiz**
   A logical solution to the paradox of the Stone
2. Valeri **Lichev**
   Mysticism, Logic and Literature
3. Franca **D'Agostini**
   From knowledge to God. Knowability and other undeniable concepts
4. Denis I. **Saveliev**
   Paradoxicality as a model-theoretic concept

// coffee break

17.30-19.30

Gödel and the Divine (room B)
chair: Christoph Benzmüller
1. Talia **Leven**
   Gödel's divine essence.
2. Meir **Buzaglo**
   Gödel's Second Theorem and the Unprovability of God's Existence
3. Kordula **Świętorzecka**, Marcin **Łyczak**
   On some modal weakening of Gödel's 'Ontologisher Beweis'. Version with S4 modalities and positive predication
4. Paul **Healey**
   Hegel and Gödel's proof of God

Eastern Christianity and Logic 2 (room C)
chair: Basil Lourié
1. Sergey **Trostyanskiy**
   The Impact of the Neo-Platonic Logic on Cyril of Alexandria's Theory of the Incarnation
2. Anna **Zhyrkova**
   The Éminence grise of Christology: Porphyry's Logical Interpretation of Aristotelian Teaching as the Corner-stone of Argumentation in Christological Debates of the 5th–6th centuries
3. Dirk **Krausmüller**
   The Case for Immanent Universals in Late Patristic Theology
4. Witali **Michalczuk**
   Models of language in theology of Proclus and Pseudo-Dionysius the Areopagite

Rationality and Religion (room D)
chair: Franca D'Agostini
1. Ofra **Rechter**
   Arithmetical Postulates and Logical Omniscience
2. Benedikt **Göcke**
   On the Problems and Prospects for a Scientific Theology
3. Andrea **Vestrucci**
   Ideas for a theology of the forms
4. Marcin **Trepczyński**
   Non-monotonic logic in favour of science and religion compatibility

Theology, Argument and Creation (room E)
chair: Raffaela Giovagnoli
1. Jorge **Melo**
   The contrast between the enunciative logic of the speculative theology and the deontic logic of the canon law
2. Vladimir **Lobovikov**
   Proving God's Omnipresence by Calculating Compositions of Evaluation-Functions in Two-Valued Algebra of Metaphysics as Formal Axiology
3. Walter **Gomide**
   The infinitary language of God and the "logical" creation of the world
4. Yaroslav **Bilyk**
   The Notion of the Game in Plato's and Aristotle's Theology

Logic of Religious Belief (room F)
chair: Aleksei Rakhmanin
1. Urszula **Wybraniec-Skardowska**
   Logic of Belief and Action. The Idea and an Outline of the Formal-theoretical Conception
2. Josué Antonio **Nescolarde Selva**, Lorena **Segura Abad**
   Belief, knowledge and faith: a logical modal theory
3. Mikołaj **Sławkowski-Rode**
   Logical and psychological dimensions of religious belief
4. Piotr **Balcerowicz**
   Logic in Religious and Non-Religious Belief Systems

Day 3 (June 20)

9.00-11.00 — **Plenary Session 3** (room A)
1. Yuhan Sohrab-Dinshaw **Vevaina**: *The 'Logic' of Zoroastrian Dualism*
2. Riccardo **Strobino**: *Theory of Science in the Arabic-Islamic Tradition: Avicenna and the Posterior Analytics*

// coffee break

11.15-13.15

Islamicate World 1 (room B)	Western Christianity and Logic 2 (room C)	Indian Logic 1 (room D)	Mathematics and Religion 2 (room E)	Logic, Religion and Culture (room F)
chair: François Beets	chair: Beau Branson	chair: Piotr Balcerowicz	chair: Andrew Schumann	chair: Mikołaj Sławkowski-Rode
1. Walter **Young** *Dawarān: Concomitance and Causation in Post Classical Islamic Dialectic and Legal Theory*	1. Andrzej **Stefańczyk**, Marek **Lechniak** *Logic, language, faith. Anselm of Canterbury and his project of logic of agency*	1. Stephen **Phillips** *Gangesa's Defense of the Nyaya Theistic Inference from Effects*	1. Stanislaw **Krajewski** *Mathematical models in theology*	1. Lilith **Acadia** *The Justificatory Power of "Religion" as a Modern Construct*
2. Tony **Street** *Fakhr al-Dīn al-Rāzī and the Period of the Pointers Transformation*	2. Piotr **Lichacz** *Aquinas's religious engagement with logic*	2. Eberhard **Guhe** *Maheśa Chandra's Concept of jñāna from the Perspective of Inquisitive Logic*	2. Claudio **Ternullo** *God's Infinity and Set Theory*	2. Raffaela **Giovagnoli** *From Habits to Rituals*
3. Cornelia **Schoeck** *'Accident', 'accidental' and 'accidental notion' in Muslim dialectical theology and Avicenna's logic*	3. Gelu **Sabău** *Aristotelian categories and Medieval debates on transubstantiation*	3. Ernst **Prets** *The early Naiyāyikas' proofs of God*	3. Marek **Baraniak** *Biblical and Semitic rhetoric in search of fractals*	3. Agnieszka **Suchy** *Traditional Slavic religion in modern religious discourse from logical perspective*
4. Asad **Ahmed** *The Logic of God's Knowledge*	4. Jacob **Archambault** *Counterpossibles in the filioque controversy*	4. Ferenc **Ruzsa** *The structure of the Nyāya-Kusumāñjali*	4. Yoel **Matveev** *Discrete Mathematics in 16th Century Moroccan Kabbalah*	

// lunch

Day 4 (June 21)

9.00-11.00 — **Plenary Session 4** (room A)
1. Jan **Woleński**: *God-sentences*   2. Dov **Gabbay**: *Principles of Talmudic Logic*

// coffee break

11.15-13.15

Islamicate World 2 (room B)	East Asian Logic (room C)	Indian Logic 2 (room D)	Arguments for the Existence of God 1 (room E)
chair: Tony Street	chair: Jessica Frazier	chair: Stephen Phillips	chair: Srecko Kovac
1. Hany **Azazy** *Al-Ghazali's Deontic Notions*	1. Thierry **Lucas** *The Logical Style of Confucius' Analects*	1. Rafal **Stepien** *On the Para-Logic of Religious Belief: A Buddhist Critique of Buddhism*	1. Ludwig **Nagl** *Charles Sanders Peirce´s "Neglected Argument for the Reality of God": its structure, its limits, and its merits*
2. Yusuf **Dasdemir** *And Logic Converts to Islam: A Historical Reconsideration of Ghazali's Attempts to Islamicize Logic*	2. Jinmei **Yuan** *An Alternative Logic in Confucianism: A Study of Ostensive Definition in Confucius' and Mencius' Statements*	2. Aleksandra **Wenta** *The Art of Refutation in Medieval Tantric Buddhism*	2. Giovanni **Mion** *On Kant's hidden ambivalence toward Existential Generalization in his critique of the ontological argument*
3. Kenan **Tekin** *The Aspect of Unity of Science: A Logic Centered Islamic Approach to Science*	3. William **Dou** *The Philosophy of Language in Zhuangzi And its Argumentative Strategies*		3. Vyacheslav **Voytsekhovcih** *The integral evidence for God*
4. François **Beets** *Logic and Divine Omnipotence. A XIth Century Dispute*			4. John **Rushby** *A Mechanically Assisted Examination of Begging the Question in Anselm's Ontological Argument*

// lunch

15.00-17.00

Islamicate World 3 (room B)	Western Christianity and Logic 3 (room C)	Indian Logic 3 (room D)	Arguments for the Existence of God 2 (room E)
chair: Cornelia Schoeck	chair: Jacob Archambault	chair: Ferenc Ruzsa	chair: Ludwig Nagl
1. Behnam **Zolghadr** *Wahdat al-Wujud and Gluon theory; The Sufi Path of Dialetheism*	1. Roomet **Jakapi** *Conflicting Models of Faith: Browne vs. Toland*	1. Marie-Helene **Gorisse** *On the legitimation of religious claims: Jainism or the faith in human epistemic abilities*	1. Victor **Gorbatov** *Actuality and necessity in Anselm's argument: a two-dimensional approach*
2. Hadi **Vakili** *Immanence and transcendence of God and logic*	2. Joshua **Reagan** *Epistemology of Logic and its Importance for Theology*	2. Purushottama **Bilimoria**, Anand **Vaidya** *The Mīmāṃsā Deconstruction of the Logic of Testimony*	2. Francisco de Assis **Mariano** *The structure of probabilistic arguments for the existence of God in Richard Swinburne's Natural Theology*
3. Akbar **Qorbani** *Divine Transcendence and Immanence; Towards a Logical Structure for Speaking of God*	3. Jonas **Dagys** *Logic in Early Christianity*	3. Keith **Lloyd** *Logic and Religion Working Together: India's Nyaya Reasoning*	3. Srecko **Kovac** *The concept of possibility in ontological proofs*
4. Samet **Buyukada** *Avicenna's Logic: God, Being and Modality*			4. Michal **Godziszewski** *Formal constraints on design-style P-inductive arguments with application to the design argument*

// coffee break

17.30-19.30

Necessity, Determinism and Time vis-à-vis Logic (room C)	Logicians, God and Exegesis (room D)	Logic and World-God Problems (room E)	Theism, Atheism and Logical Constraints (room F)
chair: Jean-Pierre Desclés	chair: Paul Healey	chair: Claudio Ternullo	chair: Qodratullah Qorbani
1. Yulia **Gorbatova** *God as Necessary Being and Multilevel Ontologies for Possible World Semantics*	1. Alfred **van der Helm** *Thomas Manlevelt: God in Logic*	1. Petr **Dvorak** *Logical Reconstruction of the Classical Thomist, Jesuit and Scotist Positions on Divine Causation and Free Will.*	1. Quingwen **Xuan**, SHIER **JU** *Reason for the Hope within: An Epistemic Defense for the Theistic Belief*
2. Živilė **Pabijutaitė** *Does branching time allow upcoming, but non-necessary future?*	2. Marek **Porwolik** *J.M. Bocheński's formal analysis of "prima via" from 1953*	2. Ralph **Weir** *The Need for a non-Logical response to the Problem of Evil*	2. Erik **Thomsen** *How Tractarian Logic Improves Thinking about God(s)*
3. Dariusz **Surowik** *Determinism from Logical Point of View*	3. Max **Urchs** *The wide view from Puig de Randa*	3. Ricardo **Silvestre** *Some thoughts on the logical aspects of the problem of evil*	3. Stanisław **Ruczaj** *Why sensus divinitatis is redundant in explaining why warranted theistic beliefs arise*
4. Aleksey **Kamenskikh** *(Theo)logical Structures of Time: the Late Neoplatonists and Leo P. Karsavin*	4. Irina **Vulcan** *The bonds between the philippo-ramism and the Reform in the XVIth century*	4. Jean-Yves **Beziau** *Is there any logic in the best of all possible worlds?*	

Day 5 (June 22)

9.00-11.00 — **Plenary Session 5** (room Z)
1. Michał **Heller**: *The Logic of God*
2. Laurent **Lafforgue**: *A logical mind looking for God or a religious mind in mathematics? The case of Grothendieck*

// coffee break

11.15-12.45 — **Plenary Speakers panel session** (room Z)

12.45-13.15 — **Final Discussion and the Closing of the Congress** (room Z)

BQ in the Library Garden (or lunch, if raining)