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Alternative Natural Philosophy Association

www.anpa.live

Call for Papers & Presentations

ANPA 46, 11-15th August, 2025

Quakers Meeting House, 43 St Giles, Oxford, OX1 3LW

v1.09

ANPA invites submissions from researchers and interested parties regarding all aspects of Natural Philosophy including (but not limited to):

Discrete Physics and Combinatorial Models

Combinatorial Hierarchy: Models explaining physical constants and their relationships.

Discrete Geometry: Non-continuous representations of space and structures.

Bit-String Physics: Applications of binary strings in quantum mechanics and physical theory.

Quantum Gravity: Discrete approaches to reconcile gravity with quantum mechanics.

Quantum Mechanics and Information Theory

Quantum Holography: Understanding quantum processes through holographic principles.

Spin Networks: Topological frameworks for particle interactions.

Quantum Entanglement and Topology: Links between quantum states and geometric and topological entanglement. Quantum Potential: Implications for physics and biological systems.

Philosophy of Science and Metaphysics

Natural Philosophy: Bridging physics, biology, and metaphysical inquiries.

Consciousness and Reality: Investigating mind-matter interactions and subjective experiences.

Emergence and Complexity: How higher-order structures arise from simpler components. Non-Dualistic Models: Philosophical alternatives to Western dualism in science.

Systems Theory and Process Mathematics

Process Models: Mathematical approaches to hierarchies and dynamic systems.

Hierarchy of Levels: Frameworks for understanding layered structures in nature.

Recursive Systems: The role of recursion in organizing systems and phenomena.

Topology, Form and Foundations

Placement: The understanding of the placement of one space within another. Context: The understanding of the placement of one context within another.

Chirality: The understanding of the possible difference between one point of view and another

Form: The distinctions that we make and explore.

Theoretical Foundations and Alternatives

Non-Commutative Algebra: Applications to discrete physical systems and geometry.

Foundations of Special Relativity: Revisiting and critiquing relativistic physics.

Unified Theories: Attempts to derive particle physics and cosmology from simple axioms.

Alternative Mathematics: Non-traditional approaches to mathematical structures.

Applications of Physics to Other Domains

Biophysics and Epigenetics: Intersections of physics with biology and genetics.
Cognitive Models: Using physics concepts to explain consciousness and mental processes.
Paranormal Studies: Investigating phenomena like psi and its potential scientific explanations.

Computational and Mathematical Models

Algorithmic Systems: Computational approaches to natural philosophy.
Turing Computation and Beyond: Exploring computation in quantum and discrete systems.
Geometric Algebra: Applications in physics and information theory.

Cosmology and Fundamental Constants

Cosmological Theories: Discrete models for space-time and universal structures.
Fundamental Constants: Investigating the relationships and origins of constants.
Dirac Equations: Algebraic and combinatorial derivations.

Interdisciplinary Studies

Physics and Biology: Integrating quantum theory into life sciences.
Zen and Natural Philosophy: Linking Eastern philosophies with scientific exploration.
Mathematics and Symbolism: Historical and symbolic interpretations of mathematical concepts.

Historical and Conceptual Foundations

History of ANPA: Philosophical roots and milestones.
Key Thinkers and Contributions: Work by founding figures such as John Amson, Frederick Parker-Rhodes, Ted Bastin, Pierre Noyes, and Clive Kilmister and their intellectual descendants. Evolution of Natural Philosophy: Shifts from classical to modern and postmodern approaches.

ANPA is seeking the following types of submission:

Presentations, academic and technical papers – 45 minutes plus 10 minutes Q&A. All papers & presentations will be published in due course on the ANPA web site and on ArXiv, where applicable. All papers & presentations will be informally reviewed by established referees co-ordinated through the ANPA committee for suitability. Submissions to the ANPA conference may not have already been published in a journal or conference proceedings, nor presented at another conference. Moreover, they may not be currently under consideration for publication or presentation elsewhere.

To submit a paper, please send the word, pdf or Latex document to grenvillecroll@gmail.com or divyamaansahoo@gmail.com. Most of the papers previously accepted and presented at ANPA are available on the www.anpa.live web page which potential authors are invited to consult for guidance and references.

Important Dates

Submission deadline: 30th May 2025

About ANPA

ANPA, the Alternative Natural Philosophical Association, was formed in England in 1979 by John Amson, Frederick Parker-Rhodes, Ted Bastin, Pierre Noyes, and Clive Kilmister. The primary purpose of ANPA is to consider coherent models based on a minimal number of assumptions in order to bring together major areas of thought and experience within a Natural Philosophy. Such models are often alternative to prevailing scientific attitudes. ANPA has since published more than 500 papers in over 40 proceedings and continues to meet in England on an annual basis in August.

If you would like to sponsor or co-sponsor the conference, please contact ANPA co-ordinator Dr Barbara Gabrys barbara.gabrys@mpls.ox.ac.uk or grenvillecroll@gmail.com.