Peter Belohlavek's
Synopsis of Works

The Unicist Evolutionary Approach

Unicist Ontogenesis
of Evolution

Ontogenetic
Intelligence
of Nature

**Functionalist
Principles of:**

- **Processes**
- **Evolution**
- **Behavior**

Roots of
Human
Intelligence

Functionalist
Approach to
Science

Functionality
of Human
Intelligence

Unicist Constructivist
Approach

| Social Catalysts | Business Catalysts | Individual Catalysts |

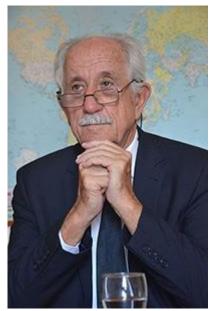# Peter Belohlavek's Brief
Founder and Leading Researcher of The Unicist Research Institute

Peter Belohlavek is the creator of the unicist functionalist approach to science and the discoverer of the functionalist principles of things that were applied to social, economic, individual, and business evolution. He was born on April 13, 1944, in Zilina, Slovakia. He is a complexity science researcher dedicated to the study of the evolution of adaptive systems and environments and the founder of The Unicist Research Institute and The Unicist School.

He discovered the ontogenetic intelligence of nature, that defines the root-causes of evolution, and ontointelligence, that defines the root causes of human intelligence.

These discoveries were the basis for the development of the functionalist principles, double dialectical logic and the unicist evolutionary approach, that integrate abductive, inductive and deductive reasoning. The functionalist principle allow managing the root causes of adaptive environments to build value adding strategies. These researches made the development of the unicist artificial intelligence possible.

He introduced the unicist evolutionary approach, a paradigm shift in sciences, that provided the epistemological structure of complexity sciences to manage adaptive environments and expanded the boundaries of systemic sciences.

These researches drove to the development of the Unicist Cognitive Systems with unicist artificial intelligence that allow dealing with the unified field and the fundamentals to manage economic, social and business processes.

His scientific works have been synthesized in more than 150 books that integrate the "Unicist Root-Cause Library", which provides the root-causes to manage the unified field of adaptive systems and environments. These works drove to the creation of The Unicist School with +100,000 followers in 56 countries.

He has been, since 1976, a pioneer in complexity science research and one of the precursors of the introduction of adaptive processes in business. Adaptiveness became the driver of the 4th Industrial Revolution introduced by Industry 4.0.

The Unicist School fosters the emulation of nature, by using the unicist evolutionary approach to manage the unified field of adaptive environments and the root causes of things to develop structural solutions in the social, economic and business fields.

Contributions of the Unicist Functionalist Approach to Science

In Scientific Research - 1980: Development of a unicist ontological methodology for complex systems research, substituting the systemic approach to research adaptive systems. **2014:** The integration of the unified field of macro and micro behavior. **2015:** Development of the destructive and non-destructive tests to research adaptive environments. **2021:** Discovery of the universal functional structure of things.

In Life Sciences - 1988: Discovery of the functional structure that regulates evolution and the unicist ontological structure of living beings as a unified field. **2006:** Discovery of the unicist ontological algorithm of evolution and involution. **2008:** Discovery of the two types of integration, complementation and supplementation, of elements in complex adaptive systems. **2012:** Discovery of the unicist ontology of biological entities. **2013:** Confirmation of the unicist ontology of viruses. **2014:** Discovery of the ontological structure of chronic diseases. **2014:** Discovery of the structure of therapeutics. **2015:** Discovery of the ontological structure of health. **2016:** Development of the Scientific Foundations of Medicine. **2021:** Discovery of the unicist ontology of the DNA.

In Complexity Sciences – 1998: Development of the unicist ontology emulating the ontogenetic intelligence of nature. **2003:** Discovery of the anti-concepts that work as antimatter. **2006:** Development of objects to manage human adaptive systems emulating the structure of nature. **2011:** Discovery of the unicist ontology of complex adaptive

systems. **2014:** Discovery of the behavior of objects in complex adaptive systems. **2015:** Discovery of the essential opposition but operational complementation between the active function and the energy conservation function of concepts. **2017:** Discovery of the unicist ontology that integrates the wide and restricted contexts. **2017:** Discovery of the universal structure of anticoncepts. **2017:** Discovery of the origin of root causes in adaptive environments.

In Information Sciences – 2002: Development of unicist ontogenetic based ontologies replacing the empirically structured ontologies. **2014:** Development of unicist adaptive robotics. **2015:** Development of prototypers. **2016:** Discovery of the nature of conceptual design. **2018:** Discovery of the ontogenetic map to emulate the unified field of adaptive environments. **2018:** Development of the unicist cognitive systems. **2019:** Development of XD-Expert Systems. **2021:** Development of business cobots.

In Future Research and Strategy - 1984: Modeling of the ontological structures that allow inferring the evolution developing the ontogenetic maps of human adaptive systems. **2014:** Confirmation of the functionality of ethical intelligence in future research. **2015:** Discovery of the unicist ontology of personal strategies. **2016:** Discovery of the nature of entrepreneurial strategies. **2017:** Discovery of the double dialectical tactics. **2019:** Discovery of business catalysts. **2022:** Discovery of the structure of risk management.

In Logic - 1986: Development and formalization of the integrative and the unicist logic. **2013:** Functionality of Dualistic Logic in complex environments. **2013:** Discovery of the structure of aprioristic fallacies.

In Anthropology - 1986: Discovery of the "invariables" of human behavior. **1997:** Discovery of the double dialectical behavior. **2008:** Discovery of the anthropological lifestyles. **2010:** Discovery of the institutional and social viruses. **2012:** Discovery of the integration of ontogeny and phylogeny. **2012:** Discovery of the stagnant survivors' role in societies. **2012:** Discovery of the unicist ontological structure of aptitudes, attitudes and intentions. **2013:** Development of the unicist ontology of cultural adaptiveness & over-adaptiveness. **2014:** Synthesis of Conceptual Anthropology.**2014:** Discovery of the Cultural, Institutional, Individual and Social Archetypes. **2015:** Discovery of the functionality of rationalism and subjectivism as social and individual addictions. **2016:** Discovery of the nature of innovation processes. **2017:** Discovery of the context of social dysfunctional utopias. **2019:** Discovery of Social Catalysts. **2022:** Discovery of the structure of individual purposes.

In Economic Science - 1989: Discovery of the unicist ontological structure of Economics. **1998:** Discovery of the unicist ontological algorithm of the price elasticity of demand. **2004:** Discovery of the ontogenetic structure of economic models and their functionality. **2011:** Discovery of the ontology of currency and inflation. **2012:** Discovery of the ontology of the industrialization level. **2012:** Discovery of the unicist ontology of the overcoming of scarcity. **2012:** Pricing of Futures and Options. **2012:** Discovery of the unicist ontology of speculative manipulation. **2014:** Synthesis of Conceptual Economy. **2015:** Discovery of the unicist ontology of economic freedom.

In Political Science - 1990: Development of the ontological algorithm and the ontogenesis and phylogeny of ideologies and their functionality. **2013:** Development of the unicist ontology of Social, Economic and Political Democracy.

In Social Sciences - 1993: Discovery of the collective unconscious and the unicist archetypes of cultures. **2012:** Discovery of the role of stagnant survivor elites in the stagnation of segments or cultures. **2016:** Discovery of the nature of social networks. **2020:** Discovery of the unicist ontology of evolutionary constructivism. **2020:** Discovery of the nature of counter cycle building.

In Linguistics – 2004: Discovery of the unicist ontological algorithms of natural, ambiguous and figurative languages and the unicist ontology of words. **2014:** Development of semantic objects. **2015:** Discovery of the ontological structure of subliminal communication. **2020:** Discovery of the unicist ontology of the evolution of languages.

In Mathematics - 1996: Development of the conceptual basis of interdependent, dependent and independent variables. **2014**: Development of the mathematical foundations of reality indicators.

In Philosophy - 1994: Development of the unicist ontology integrating philosophy, science and action in a unified field. **1997:** Refutation of Hegel's and Marx's dialectics and the formulation of the laws of the double dialectics.

In History - 2000: Development of a historical analysis methodology based on the unicist double dialectics.

In Cognitive Science - 2001: Development of a methodology to construct knowledge with existing information through an integrative logic. **2002:** Development of the unicist reflection methodology to deal with the nature of reality. **2006:** Discovery

of the object driven organization of mental processes and the development of cognitive objects. **2008:** Development of the ontological algorithms of fundamental analysis. **2013:** Development of the unicist ontology of erudition and wisdom (observers vs. participants). **2014:** Discovery of the structure of the emulation of reality. **2015:** Discovery of the unicist ontology of conceptualization. **2018:** Discovery of the triadic functionality of conscious intelligence. **2018:** Development of the Unicist Artificial Intelligence. **2020:** Discovery of the unicist ontology of functional knowledge. **2021:** Development of the unicist theory of functionality. **2022:** Discovery of the structure of decision rules.

In Education - 1979: Discovery of the ontogenetic algorithms of learning which has given scientific sustainability, amongst others, to Piaget. **2014:** Discovery and development of learning objects. **2015**: Development of Reflection Driven Education. **2016**: Discovery of the nature of learning by teaching.

In Psychology - 1984: Discovery of human ontointelligence to deal with adaptive systems. **2003**: Discovery of the unicist ontological structure of fallacies, the functionality of anti-intelligence and anti-intuition. **2004:** Discovery of the double dialectical thinking process. **2005:** Discovery of the unicist ontology and evolution laws of human essential complexes. **2011:** Discovery of the unicist ontology of conscious behavior. **2012:** Discovery of the unicist ontology of complementation of thinking processes. **2012:** Discovery of the unicist ontology of psychopathy. **2014**: Discovery of the structure of subliminal decision-making. **2014:** Synthesis of Conceptual Psychology. **2015:** Functionality of concepts as behavioral objects. **2016:** Discovery of the nature of human metamorphosis. **2016:** Discovery of the functionality of thinking processes. **2017:** Discovery of the context of personal dysfunctional utopias. **2017:** Discovery of the nature of self-criticism. **2021:** Discovery of the functionality of neurosis. **2022:** Discovery of personal potential energy.

In Semiology - 2012: Discovery of the unicist ontology of semiosis as a complex adaptive system. **2015:** Development of semiotic role objects. **2017:** Development of the semiotic research groups. **2022:** Discovery of the semiosis of music.

His works

He is the creator and developer of The Unicist Theory, which is based upon his discovery of the Ontogenetic Intelligence of Nature. Both, his discovery and models are the basis of natural laws to explain evolution.

His basic background is in Economic Sciences. He developed research and studies in the fields of Management, Anthropology, Economics, Education, Epistemology, Psychology, Sociology and Life Sciences. He dedicated his life to the research in complexity sciences, focused on the research of evolution in the fields of Human Behavior, Economics, Social Behavior and Management.

His work includes universal matters such as the Ontology of Evolution, The Ontogenetic Intelligence of Nature, the Functionalist Principles, the Structure of Concepts, the Laws of Evolution, the Unicist Logic to manage the functionality of things, and the structure of Ethical Intelligence. Since 1976, he participated in the development of more than 5,000 researches.

Peter Belohlavek's research works include: Basic Research, Conceptual Developments, Scientific Developments, and Development of Cultural Archetypes. The work included the development of a standard. The Unicist Standard and the Unicist Standard Language that were developed defined the structure of procedures and norms to manage the unicist ontological methods.

Globalization & Main cultural archetypes of countries

The unicist ontological approach to globalization is synthesized in Peter Belohlavek's research works and publications and in the development of his global activities.

Main archetypes developed

• Algeria • Argentina • Australia • Austria • Belarus • Belgium • Bolivia • Brazil • Cambodia • Canada • Chile • China • Colombia • Costa Rica • Croatia • Cuba • Czech Republic • Denmark • Ecuador • Egypt • Finland • France • Georgia • Germany • Honduras • Hungary • India • Iran • Iraq • Ireland • Israel • Italy • Japan • Jordan • Libya • Malaysia • Mexico • Morocco • Netherlands • New Zealand • Nicaragua • Norway • Pakistan • Panama • Paraguay • Peru • Philippines • Poland • Portugal • Romania • Russia • Saudi Arabia • Serbia • Singapore • Slovakia • South Africa • Spain • Sweden • Switzerland • Syria • Thailand • Tunisia • Turkey • Ukraine • United Arab Emirates • United Kingdom • United States • Uruguay • Venezuela • Vietnam.

Books published

1. Complexity Sciences
2. Unicist Epistemology
3. Unicist Logic and its Mathematics
4. The Unicist Theory
5. The Unicist Paradigm Shift in Sciences
6. The Unicist Ontology of Evolution
7. The Ontogenesis of Evolution
8. Unicist Ontogenetic Intelligence of Nature
9. The Roots and Evolution of Human Intelligence
10. Ontointelligence
11. Unicist Thinking
12. Unicist Ontology to deal with Adaptive Systems
13. Conceptual Economics
14. Conceptual Anthropology
15. Conceptual Psychology
16. Conceptual Management
17. Conceptualization and Behavioral Objects
18. Unicist Country Archetypes
19. Unicist Object driven Strategy
20. The Unicist Theory of Economic Growth
21. The Unicist Theory of Social Growth
22. The Unicist Theory of Business Growth
23. The Unicist Theory of Market Growth
24. The Unicist Theory of Professional Growth
25. Australia's Archetype
26. Brazil's Archetype
27. Butterfly Companies & their cure
28. Complexity Sciences and the Theory of Evolution
29. Design of Complex Systems Research
30. Development of Consciousness through Action
31. Dualistic Logic vs. Unicist Logic
32. France's Archetype
33. Fundamentalism
34. Germany's Archetype
35. Globalization: the new tower of Babel?
36. Growth Crisis 2008-2010
37. Influencing Nature
38. Innovation
39. Institutionalization
40. Introduction to the Nature of Perception and Credibility
41. Introduction to the Unicist Ontology of Evolution
42. Introduction to Unicist Business Therapeutics
43. Introduction to Unicist Diagnostics
44. Introduction to Unicist Econometrics
45. Introduction to Unicist Market Segmentation
46. Introduction to Unicist Object Driven Entrepreneuring
47. Introduction to Unicist Thinking
48. Knowledge, the Competitive Advantage
49. Mind Traps: That hinder personal success
50. Natural Organization of Outsourcing and Insourcing
51. Peopleware: The Integrator of Hardware and Software
52. Real Diagnostics vs. Paradoxical Diagnostics
53. RobotThinking
54. Social Critical Mass in Business
55. Sweden's Archetype
56. The Book of Diplomacy
57. The Ethic of Foundations
58. The Nature of Big Change Management
59. The Nature of Complementation
60. The Nature of Democracy
61. The Nature of Developed & Developing Countries
62. The Nature of Diplomatic Power
63. The Nature of Dissuasion Power
64. The Nature of Doers
65. The Nature of Economic Power
66. The Nature of Ideologies
67. The Nature of Social Power
68. The Nature of Unicist Business Strategy
69. The Nature of Unicist Object Driven Business Growth
70. The Nature of Unicist Object Driven Change Management
86. Unicist Business Architecture
87. Unicist Business Diagnostics
88. Unicist Business Objects Building
89. Unicist Business Strategy: An Emulation of Nature
90. Unicist Business Strategy: Ontology based and Object driven Business Strategy
91. Unicist Business Therapeutics
92. Unicist Confederation: Cooperation in Diversity
93. Unicist Country Future Research
94. Unicist Country Scenario Building: Ontology based Country Scenario Building
95. Unicist Future Research
96. Unicist Marketing Mix
97. Unicist Marketing: Ontology based and Object driven Marketing
98. Unicist Mechanics & Quantum Mechanics
99. Unicist Mechanics: Business Application
100. Unicist Object Driven Diagnostics
101. Unicist Object Driven Learning
102. Unicist Object Driven Management
103. Unicist Object Driven Marketing
104. Unicist Object Driven Negotiation
105. Unicist Ontogenetic Algorithms to solve business problems
106. Unicist Ontology of Evolution For All
107. Unicist Ontology of History: Unicist Methodology for Historical Research
108. Unicist Ontology of Language
109. Unicist Organization: Object Driven Design
110. Unicist Organization: Ontology based and Object driven Organization
111. Unicist Organizational Cybernetics
112. Unicist Personal Strategies
113. Unicist Personalized Education
114. Unicist R&D of Adaptive Systems in Business
115. Unicist Reflection to focus on solutions
116. Unicist Reflection: The path towards strategy
117. Unicist Standard for Adaptive System's Pilot Testing
118. Unicist Standard for Business Benchmarking
119. Unicist Standard for Business Growth
120. Unicist Standard for Business Objects Building
121. Unicist Standard for Critical Mass Building
122. Unicist Standard for Human Adaptive Behavior
123. Unicist Standard for Ontological Business Diagnostics
124. Unicist Standard for Ontological Business Modeling
125. Unicist Standard for Ontological Change Management
126. Unicist Standard for Ontological Leadership
127. Unicist Standard for Ontological Scenario Building
128. Unicist Standard for the Ontological R&D of Adaptive Systems
129. Unicist Standard Language
130. Unicist Standard Language: To design, build and manage Human Adaptive Systems
131. Unicist Standard to deal with the Ontology of Learning
132. Unicist Standard to deal with the Ontology of Personal Evolution
133. Unicist Standard to Manage the Ontology of Businesses
134. Unicist Standard to Research the Ontology of Human Adaptive Systems
135. Unicist Superior Education
136. Strategic Thinking
137. Concepts make you Free
138. Unicist "Q" Method
139. The Unicist 5 Why Method
140. Virtual Marketplace Building
141. Evolution of Intelligence
142. Guidelines for Systemic Business Problems Solving
143. Introduction to Conceptual Anthropology
144. Introduction to Sustainable Globalization Building
145. Introduction to The Nature of Economic Freedom
146. Commercial Critical Mass: Critical Mass Building for Marketing Processes
147. Unicist Commercial Objects: to Drive Commercial Processes

About The Unicist Research Institute

Since 1976, The Unicist Research Institute has been the world-leading research organization that introduced the functionalist approach to science to research and develop the functionalist principles of the real world.

www.unicist.org