The Unicist Research Institute

Pioneers in Complexity Science Research since 1976

Emulating the Intelligence of Nature

The discovery of the triadic intelligence that underlies nature allowed emulating the evolution of living beings, which have a genetic strategy to grow and another one to survive. This discovery, applied to individual, institutional and social evolution, allows emulating nature by developing maximal strategies/actions to grow and evolve, and minimum strategies/actions to ensure survival.

Research of Complex Environments
Emulating the triadic Intelligence of Nature

As it is known, the management of complexity was based on the use of palliatives while it remained an unsolved challenge for sciences. This challenge was faced in 1976 by The Unicist Research Institute that was a pioneering organization in finding a structural solution for complexity as a universal problem. TURI was the pioneer in using the unicist ontological approach in complexity science research based on the discovery of the triadic intelligence that underlies nature. This drove to the development of the Unicist Theory, the Structure of the Unified Field of Nature and the Unicist Epistemology for Complexity Sciences that sustain the unicist approach.

+110 Million USD
Investment
in R&D
at replacement costs

TURI became a private global decentralized leading research organization that provides structural solutions for adaptive environments.

It is the major research organization in its specialty, with more than 5,000 unicist ontological researches that have been developed since 1976 in the field of individual, institutional and social evolution.

The Unicist Theory, based on the discovery of the ontogenetic intelligence of nature, allowed developing the four scientific pillars that provided the basics of the unicist technologies: Conceptual Economics, Conceptual Anthropology, Conceptual Psychology and Conceptual Management. The main countries that originated these researches were: US, DE, UK, FR, JP, SE, CA, CH, IN, BR, AR, CAT, RU, CN, AU. TURI's Future Research Laboratory completed the research of 70 countries' archetypes. TURI was founded by Peter Belohlavek as an Unincorporated Association that was transformed into an Incorporated Company to facilitate its worldwide growth.

About
The Unicist Research Institute
www.unicist.org/about-us.php

Complexity Science Research

Access the main discoveries and developments in the field of basic and applied sciences to living beings and complex adaptive entities.

In Basic and Life Science Research
www.unicist.org/scientific-dissemination/basic-research.php

In Individual Evolution
www.unicist.org/scientific-dissemination/human-intelligence.php

In Healthcare
www.unicist.org/scientific-dissemination/healthcare.php

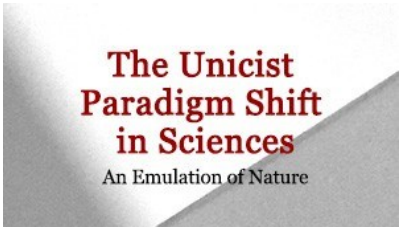
In Business Evolution
www.unicist.org/scientific-dissemination/business.php

In Countries Evolution
www.unicist.org/scientific-dissemination/social-evolution.php

In Education
www.unicist.org/scientific-dissemination/education.php

In Future Research
www.unicist.org/scientific-dissemination/basic-research.php

More information: www.unicist.org



The Unicist Theory explains the dynamics and evolution of living beings and complex adaptive entities. This theory also provided the structure of the Unified Field of Nature.

Access:
https://goo.gl/y4y3s1

Peter Belohlavek
Creator of the Unicist Theory

www.unicist.org/peter-belohlavek.php

Medicine

The unicist complexity science approach allowed defining the scientific foundations of medicine and discovering, among others, the unicist ontological structures of:

Health, amino acids, destructive tests in biology, clinical trials, viruses, chronic diseases, addictions, stress, cures, immune systems, therapeutics, diseases, medical specialties, universal diagnostics, research and researchers and prevention.

These researches sustain the value propositions of The Unicist Research Institute in the fields of drug development and patient centricity for healthcare organizations.

www.unicist.org/think-tanks/basic-research.php

Visit us on Facebook

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The Structure of the Unicist Approach (*)

www.unicist.net/clipboard

Discovery of the Ontogenetic Intelligence of Nature

Theoretical Framework

- Unicist epistemology
- Scientific framework
- The unicist theory
- The unicist theory of evolution
- Social growth theory
- Economic growth theory
- Business growth theory
- Market growth theory
- Professional growth theory

Basic Discoveries & Developments

- Unicist research method for complexity
- The unified field in nature
- Unicist objects
- Complementation & supplementation laws
- Evolution laws
- The structure of concepts
- Human ontointelligence
- Double dialectical logic and math
- The structure of fundamentals

Research Fields

- Basic and life science research
- Human intelligence
- Individual evolution
- Healthcare
- Business evolution
- Social evolution
- Economic evolution
- Education
- Future research

Technologies

Social Evolution

- Unicist anthropology
- Country archetypes
- Collective intelligence
- Conceptual economics
- The concept of democracy
- Economic freedom
- Social growth
- Economic growth

Unicist Strategy

- Maximal and minimum strategies
- Unicist business intelligence
- Object driven strategies
- Maximal and minimum actions
- Future scenario building
- Confrontation management
- Strategic objects building
- Critical mass building

Business & It Architecture

- Conceptual design
- Unified field design
- Peopleware
- Unicist objects building
- Automation and robotics
- Adaptive systems design
- Work process design
- Organization by roles and objects

Unicist Marketing

- Object driven marketing
- Conceptual market segmentation
- Conceptual market structures
- Double dialectical advertising
- Double dialectical promotion
- Double dialectical marketing
- Double dialectical brand building
- Double dialectical sales processes

Unicist Management

- Conceptual management
- Unicist continuous improvement
- Structural quality assurance
- Change management
- Innovation management
- Client centered management
- Personalized organization
- Natural organization

Unicist Education

- Reflection driven education
- Teaching hospitals in business
- Learning by teaching
- The unicist 5 why method
- The unicist "Q" method
- Object driven learning
- Unicist debates
- Complex problem solving

Personal Development

- Conceptual psychology
- Behavioral objects
- Conceptualization
- Double dialectical logic
- Consciousness development
- Taboos, utopias and myths
- Ethical Intelligence
- Maximal and minimum strategies

Application Fields

Social Field

- Future scenario building
- Social growth planning
- Economic growth planning
- Educational evolution
- Social conflicts monitoring
- Sustainable development
- Sustainable globalization

Business Field

- Business diagnostics
- Business strategy
- Business architecture
- IT strategy & architecture
- Marketing
- People management
- Business process design

Personal Field

- Adaptive learning processes
- Development of intelligence
- Conceptualization
- Complementation building
- Conflict management
- Management of fundamentals
- Complex problems solving

Unicist Logical Tools

• Unicist conceptual design • Unicist strategy building • Unicist scorecard tool • Unicist diagnostics tool • Unicist marketing design • Double dialectical advertising • Double dialectical promotion • Business intelligence design • Virtual marketplace building • Customer profiling tool • Continuous improvement design • Knowledge management design • Contingency room building • Virtual collaboration design

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The Tao gave birth to one.
One gave birth to two.
Two gave birth to three.
Three gave birth to all things.

Tao Te Ching
Lao Tzu

UNICIST CONSULTATION LIBRARY
As a Web Service

Dubito ergo cogito;
cogito ergo sum.
I doubt, therefore I think;
I think, therefore I am.

Discourse on the Method
René Descartes

Albert Einstein

A theory is the more impressive the greater is the simplicity of its premises, the more different are the kinds of things it relates and the more extended the range of its applicability.

Country Scenarios 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

Conceptual Segmentation of Markets

• Automobile • Food • Mass consumption • Financial • Insurance • Sports and social institutions • Information Technology (IT) • Communications • Perishable goods • Mass media • Direct sales • Industrial commodities • Agribusiness • Healthcare • Pharmaceutical • Oil and Gas • Chemical • Paints • Education • Services • Commerce and distribution • Mining • Timber • Apparel • Passenger transportation –land, sea and air • Tourism • Cargo transportation • Professional services • e-market • Entertainment and show-business • Advertising • Gastronomic • Hotel-management • Credit card • Real estate • Fishing • Publishing • Industrial Equipment • Construction and Engineering • Bike, motorbike, scooter and moped • Sporting goods

(*) The Unicist Approach was developed by Peter Belohlavek at The Unicist Research Institute.

Download Synopsis:
www.unicist.org/pdf/unicist-approach-synopsis-a.pdf

Unicist Confederation

Unicist Business Technologies

The Unicist Confederation is the business arm of The Unicist Research Institute (TURI) that provides Unicist Technologies as a Service to the market. It is a multilocal, cooperative confederation, sited in Delaware (USA). These technologies are provided to the market through Partners and Associates of the Confederation.

Unicist TaaS
Technologies as a Service
Structural Solutions for Businesses

Access the Unicist Object Driven Technologies:
https://goo.gl/Xx3h9l

The Unicist Approach that deals with the structural solutions for businesses and the implementation of intelligent systems is based on managing them as unified fields. This approach integrates the technical-analytical aspects after the unified field of the processes, roles and business objects have been defined using the unicist technologies.

Some of the companies that use business objects are: Airbus, Amazon, Apple, BBC, Boeing, Dassault Systemes, Dupont, Ericsson, Facebook, General Electric, Google, Hilton, Honda, Hyundai, LinkedIn, Lufthansa, Mapfre, Mayo Clinic, Michelin, Novartis, Open Text, P&G, Pfizer, SAP, Siemens, Tata Motors, Toyota, Unilever, Walmart, Walt Disney World and Youtube.

More information:
www.unicist.net

Main Technologies

Unicist Strategy

- **Unicist Business Strategy:** This technology allows developing maximal strategies to expand businesses and minimum strategies to sustain them.
- **Unicist Business Intelligence:** It is based on the use of unicist technologies to build competitive intelligence, critical intelligence and structural intelligence.
- **Second Opinion Diagnoses:** They are structural diagnoses that begin with the definition of the fundamentals of the business and end with action plans.

www.unicist.org/unicist-approach-business

Unicist Marketing

- **Object Driven Marketing:** This technology provides structural solutions that are based on the unicist segmentation model and the use of marketing objects.
- **Virtual Marketplace Building:** It requires integrating the market segmentation with the segmentation of media to use marketing objects to influence buying decisions.
- **Unicist Customer Profiling:** This technology allowed dealing with different segments based on conceptual predictors and characteristics that can be observed.

Unicist Business & IT Architecture

- **Unicist Business Architecture:** It allowed making the next step in organizational design, integrating personal and virtual processes, using business objects and roles.
- **Unicist Continuous Improvement:** The unicist technology is based on upgrading processes driven by the improvement of the objects included in such processes.
- **Unicist Knowledge Management:** It structures the information logically and enables learning from experience and improving the operation in organizations.
- **In-company Corporate Universities:** They are organized as business units to develop structural solutions using the unicist approach and the unicist methods.
- **Unicist Conceptual Design:** It implies integrating the emulation of the solution and the conceptual knowledge of the process to build the process architecture.

Compare with our Competitors
www.unicist.net/management/competitors

- **Unicist Contingency Rooms:** They are organizational units that transform urgent problems into structural solutions integrating fundamental and technical knowledge.

Unicist
Corporate University
A Solution Building Factory

A University without Walls, working as a Teaching Hospital in Business

The Unicist Corporate University (UCU) works as a structural solutions factory that is focused on giving access to the unicist approach to businesses that subordinates the empirical approach to a conceptual approach to generate business solutions.

We provide individuals with technologies that manage the unified field of business processes using a conceptual approach that allows ensuring results, using maximal strategies to expand and minimum strategies to win.

Building Solutions for Businesses:
https://goo.gl/shxXT7

Executive Programs

- **Unicist Business Strategy:** This program gives access to the unicist approach to businesses. It is based on a real case that is solved using the unicist technologies.
- **Unicist Marketing Strategy:** This program gives access to the unicist strategic approach to marketing and the marketing and branding objects to be used.
- **Unicist IT & Business Strategy:** This program gives access to the unicist strategic approach to IT architecture and business architecture to develop a real case.

Programs for Graduates

- **Unicist Business Strategy Program:** It provides an access to unicist technologies based on the fundamentals of the business functions and their context.
- **Unicist Marketing Program:** This program provides an access to unicist marketing technologies to approach the nature of markets and market segmentation.
- **IT & Business Architecture Program:** It provides access to the unified field of IT Architecture and Business Processes and their conceptual structures.

Executive Programs for Healthcare

- **Unicist Healthcare Business Strategy:** This program gives access to the unicist strategic approach to healthcare integrating medical practice, patient management and healthcare management.
- **Unicist Healthcare IT Strategy:** This program gives access to the unicist strategic approach to healthcare IT, its architecture and the empowerment of patient centricity.
- **Unicist Professional Strategy for Physicians:** This program gives access to the unicist strategic approach applied to professional evolution.

More information:
www.academic.unicist.org

In-company Universities: Solutions Building Factories

The Unicist In-company Universities are organized as business units to develop structural solutions using the unicist approach and the unicist methods.

The activities of these Universities might include the development of structural solutions for the companies, their clients, providers, distributors or associates.

They are based on the use of the unicist conceptual design methodology and the unicist object driven technologies. These technologies are transferred as a service (TaaS).

Compare with other Universities
www.unicist.org/talents/superior-education

Future Research & Future Scenario Building

Unicist Country Future Research

The Future Research Lab is responsible for providing Business Intelligence information on contexts and markets. It uses unicist ontological structures, hard data and logical rules to analyze the present and infer the future. The Unicist Future Research Laboratory has assumed an active role to influence leaders and the public opinion informing about the structural trends that underlie implicit or explicit conjunctural conflicts in the social and economic fields.

The future does not exist. To influence the future, it is necessary to:

1) discover the concepts of reality in the “past”;
2) consider the facts of the “present”;
3) infer the possible and probable “future”.

To develop country scenarios, TURI uses both the Unicist Fundamentals technologies and the Technical-Analytical tools.

Unicist Country Future Research
www.unicistinstitute.net

XI International Unicist Conference

The XI International Unicist Conference has two core objectives:

1) The presentation of the global social, economic, political business trends 2017/2018.

2) Honor the achievements in the field of business objects development that emulate the organization of nature.

Access the Conference:
www.unicist-conferences.net

Unicist Archetypes of Countries

• 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

Learn about Future Scenario Building

Access:
www.amazon.com/gp/product/B00ZRW6E6A

The Unicist School
in Sciences & Technologies
The Unicist School of Thought

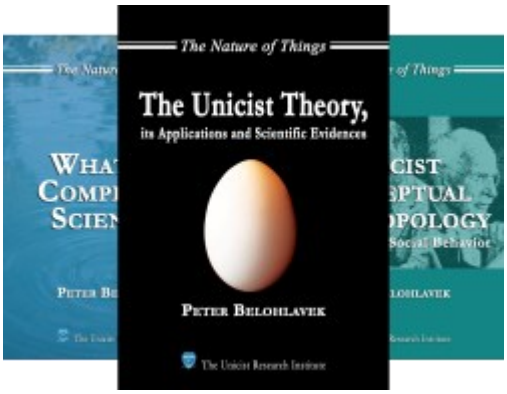
Invitation: Emulating the Intelligence of Nature

The Unicist School is integrated by members who decided to emulate the triadic intelligence of nature when dealing with complex or adaptive environments.

The school, with more than 80,000 followers in 56 countries, is a school of thought that fosters the emulation of the intelligence of nature through the use of double dialectical strategies and actions to manage complex environments.

The discovery of the intelligence of nature, applied to individual, institutional and social evolution, allowed emulating nature by developing maximal strategies/actions to grow and evolve, and minimum strategies/actions to ensure survival.

The resulting Unicist Theory is a paradigm shift of the scientific approach to nature and complex environments, which is based on the emulation of the intelligence of nature and thus opened the access to what is possible to be achieved and how to make it happen.



Access:
www.amazon.com/gp/product/B00ZRW6E6A

Access The Unicist School:
www.unicist-school.org

System Dynamics Approach vs. Unicist Approach

The system dynamics approach and the unicist approach to complexity were created for different purposes.

The System Dynamics Approach

The system dynamics approach was created to develop solutions in complex controllable adaptive environments by managing their operational structures. This approach manages univocal relationships and univocal cause-effect actions and their feedback.

This approach is functional in controllable environments, which implies having a low level of complexity. The definition of variables is an artificial pathway that is only functional in controllable complex adaptive systems. The system dynamics approach generates fallacious conclusions when it is applied in extremely adaptive or non-adaptive systems.

The Unicist Approach

On the other hand, the unicist approach was created to develop solutions in complex influenceable adaptive environments by managing their nature given by their functional concepts. This approach manages bi-univocal relationships and double dialectical actions and their feedback. Complex systems require managing the unicist objects they include, ensuring that they have the necessary critical mass to fulfill their function.

The unicist approach is necessary in environments that cannot be controlled but can be influenced, which implies having a high level of complexity.

Conclusion

The management of complex adaptive functions requires the use of the unicist approach to make systems controllable and uses the system dynamics approach to operate them. The controllability depends on the level of influence that can be exerted in a system and needs to be measured using unicist destructive tests.

The unicist approach uses the system dynamics approach as soon as the influence that can be exerted ensures the controllability of a system.

Learn more: https://goo.gl/oYmtQF

The Unicist Standard

The Unicist Standard defines the structures and the unified fields that have to be managed in an adaptive system in order to organize it and achieve the results that have been defined as possible.

This allows managing the unified field of human adaptive systems in a reasonable, understandable and provable way.

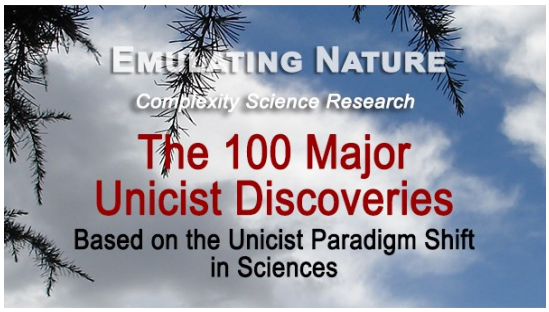
The research developed at The Unicist Research Institute allowed solving the complex aspects of systemic sciences.

Integration of complexity sciences with systemic sciences

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.

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.

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.



Access the Summary:
https://goo.gl/gWMFnj

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.

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.

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.

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.

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.

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.

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 ontology of conscious behavior. **2012:** Discovery of the 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.

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.