The Age of Expert Systems & Unicist Artificial Intelligence
The Unicist Evolutionary Approach in the 4th Industrial Revolution
Research in Complexity Sciences
The Unicist Evolutionary Approach

The Unicist Research Institute is a private global decentralized research center founded by Peter Belohlavek that has been, since 1976, the pioneer in complexity sciences applied to evolution. It developed the first scientific approach to understand and manage social and institutional evolution as adaptive environments.

The discovery that adaptive systems are integrated by objects that behave as such and not as variables, is a paradigm shift in sciences that made adaptive environments manageable. Access

Main Discoveries
Access the main discoveries and developments in the field of basic and applied sciences and their application to social, individual and business evolution.

In Basic and Life Science Research
Access
In Business Evolution
Access
In Social and Countries Evolution
Access
In Individual Evolution
Access
In Healthcare
Access
In Education and Superior Education
Access

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

More information:
https://www.unicist.org
The Unicist Evolutionary Approach to Businesses Using the Unicist Double Dialectical Logic

The Unicist Evolutionary Approach applied to business was developed to manage the evolution of businesses and build Solution Management Systems to catalyze growth processes.

It uses the unicist double dialectical logic that is the integrator of all logical reasoning patterns.

The use of the Unicist Evolutionary Approach increases +30% the speed of business growth by using behavioral catalysts.

This approach is based on the resources of the 4th Industrial Revolution, including expert systems and unicist artificial intelligence, to foster the business expansion of companies whatever their type or size.

Expert Systems in the 4th Industrial Revolution

The Unicist Solution Management Systems are the expert tools to deal with the root causes of business problems. They approach the unified field of businesses and their functions to manage their root causes and define what is possible to be achieved and how to make it happen.

Unicist Artificial Intelligence

Unicist artificial intelligence provides the necessary functional knowledge to manage the functionality and evolution of adaptive environments. Fundamentals-based AI uses predictors to monitor the functionality of processes and as an input to the inference engine that allows defining the actions that are tested to confirm their functionality.

Unicist Behavioral Catalysts

Behavioral catalysts are process accelerators. Technologies, threats, installed myths, new utopias, brand attributes, ideologies, influencers, etc. are examples of behavioral catalysts that are commonly used.

The research of The Unicist Research Institute allowed finding the structure of catalysts, that allowed building specific catalysts to ensure the functionality and acceleration of adaptive processes whatever their kind.
Unicist Confederation: The Business Arm
Catalyst driven Solution Factories in the 4IR

The Unicist Confederation is the business arm of The Unicist Research Institute that installs catalyst driven solution factories in companies.

These factories use the Unicist Solution Management Systems, based on expert systems and Unicist AI, to develop catalysts driven solutions that deal with the adaptive aspects of businesses.

The business model is based on generating positive cash-flow for the clients in order to avoid the need of investments. They are installed through collaborative processes to ensure their implementation.

Solution Management Systems to Build Catalysts

Business process catalysts accelerate business processes to increase adaptability, customer orientation, growth, profitability and sustainability. [Access](#)

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<th>Competitive Strategy System to Catalyze Business Growth</th>
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Companies that use Business Objects & Catalysts

Some of the companies that use business objects and catalysts 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:](https://www.unicist.net)
Unicist Business Strategies in the 4IR

The Unicist Corporate University is a business solution factory that develops strategic solutions and transfers technologies to the participants.

The educational approach of the Unicist Corporate University is based on the use of unicist reflection driven education.

Real Solutions with Each Participant

The unicist educational programs are driven by the real solution that each participant develops with the support of counselors. The programs are developed in an environment of virtual collaboration.

Using Expert Systems

The Unicist Expert Systems applied to learning processes work as a GPS that provides tentative pathways that can be followed ensuring the development of solutions.

In-company Universities

In-company Universities work as solution building factories. They are based on the use of the unicist conceptual design methodology and the unicist object driven technologies.

Dealing with the Root Causes of Business Functions

The discovery that the concepts people have in their minds, drive their actions and that the concepts and fundamentals that underlie business functions define the root causes of their functionality, expanded the possibilities of business management.

More information:
https://www.academic.unicist.org
The Future Research Lab
Unicist Country Future Research

The unicist system for Future Research is used for the building of future scenarios of countries and markets. The unicist system for future research is based on inferring the future based on the laws of evolution established by the ontogenetic intelligence of nature, which allowed developing the unicist ontology of evolution.

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 the Unicist System in the Social Field

Access the Unicist Conference

Access Unicist Country Future Research

Access Unicist Archetypes of Countries

Access The Nature of Things

Access The Nature of Democracy

Access Future Research

Access Unicist Conceptual Anthropology

Access Unicist Conceptual Economics

Access The Nature of Economic Freedom

Access The Nature of Ideologies

Access The Nature of Democracy

Access The Nature of Things

Access The Nature of Things

Access The Nature of Things

Access The Nature of Things
The Unicist School is a school of science and technology that fosters the use of the unicist evolutionary approach to build sustainable growth at a micro-macro-economic and social level.

With more than 100,000 followers in 56 countries, it is a participation and collaboration space for members of the global community.

**Microeconomics driven Development:**
A Transgenerational 50-year Project

Microeconomics driven Development is, by definition, a bottom up catalyst driven project that fosters sustainable social and economic evolution.

It is based on minimizing facileness, the empowerment of the cultural belonging, the value of work, the value of learning and the installation of a second opportunity ethics.

The project is based on installing catalysts for social evolution.

Social catalysts are accelerators of social and microeconomic evolutionary processes which require being based on the archetypes of cultures and their institutions empowering their functionality.

The unicist evolutionary approach fosters evolution and minimizes facileness by managing the unified field of social and business functions.

It works as a generic social catalyst to generate sustainable growth.

Access The Unicist School:
https://www.unicist-school.org
Scientific Contributions

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


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 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.
Contact information

The Unicist Research Institute:  
www.unicist.org

Unicist Confederation:  
www.unicist.net

Unicist Corporate University:  
www.unicist.org/academic

The Unicist School:  
www.unicist-school.org

+1-315-506-6720  
+1-315-506-6875

Community Exchange