

The World Complexity Science Academy

The World Complexity Science Academy (WCSA) is a social and cultural no-profit organization **committed to the diffusion of scientific knowledge inspired to the systemic approach**. The WCSA has also the purpose of **promoting the meeting and the cooperation among the scholars**. Consistently with this purpose, WCSA organizes periodical national and international Conferences and supervises specific and scientific publications. The WCSA is a meeting place for scholars from very different disciplines inspired by the systemic approach. The WCSA aims at creating a constellation of research projects **and publications** to empower a wide horizon and knowledge intensive strategy to let science successfully cope with the key challenges of our times concerning economical development, ecology, radical innovation and biotechnology. The diffusion of the Systemic Approach is meant both as a peculiar interdisciplinary paradigm and as an applied toolkit. This approach strategically faces the main global challenges of our times described above. WCSA believes the systemic approach is pivotal for intensive and high added value knowledge sharing on a global scale as we all entrepreneurs, professionals, scholars and policymakers can cooperate, as world citizens to facilitate the free circulation of intellectual and strategic capitals.

Within this assumptions, WCSA is committed and supports:

1) the basic and applied interdisciplinary research within the system approach believing that this may represent the most effective meeting place to let different knowledge and disciplines converge towards a strategic common pattern inspired to the renaissance, "third culture" shared with the Edge Foundation (www.edge.org) and with the International Budapest club founded and chaired by Ervin Laszlo.

2) The advancement of global (semantic, methodological, technical etc.) platforms for the development of a cosmopolitan cognition that would unify more points of view and would merge basic and applied

research in order to cope with problem solving needs in a context of challenges. The needs for problem solving ideas couldn't be fostered with a traditional local and territorial patterns and identities.

3) The divulgation of the systemic-scientific knowledge and the scientific information toward educated, but not specialized, targets ("high divulgation") assuming the aim to enrich the personal backgrounds of committed scientists (biotechnologists, engineers, physics, sociologists, economists, etc.) about global challenges of our times through appropriate models and systemic-communicational tools and through high concepts for the diffusion and divulgation of the knowledge.

4) The promotion of the dialogue and the synergies among public institutions, business entrepreneurs and social no-profit organizations to let them provide a more user friendly policymaking for the scientific world community reducing the influence of vernacular interests and tactically adopting the motto "think global, act local".

WCSA DECLARATION

PROLOGUE

The World Complexity Science Academy (WCSA) offers its scientific and intellectual vision of the key challenges of our times to keep humankind evolve and empower by enhancing the Human Person (HP) chances and dignity.

Systemic Science is the key toolkit allowing the HP to evolve by browsing the global platform which features our planet and its catalogue of memetic ideas, chances, models, maps etc: so that each HP might evolve at their best and at their highest speed.

Authored and first subscribed by the WCSA Scientific Director, this Declaration was then approved by the WCSA Executive Board in its August 31st 2010 meeting and then the Declaration was diffused worldwide to be subscribed by "Global Top Brain Workers" who share the Declaration Wealtanschauung, independently from their belonging to WCSA or not. The Declaration will officially be presented with its early subscriber list at the WCSA Bologna conference, Dec. 4th 2010.

Andrea Pitasi, WCSA Scientific Director.

Art 1

The Human Person (HP) as a free, responsible, relational and evolutionary being is at the core of the social, economic, scientific, political, cultural and technological development of humankind.

Art 2

The HP is an evolutionary and systemic concept and unit. Evolutionary because since prehistoric times the HP has changed dynamically through the ages. Systemic because the HP is a complex, multifacets system of different and interconnected relations.

Art 3

As the HP is evolutionary and systemic, systemic science is the key paradigm to evolve and empower the HP in a third culture perspective by a convergent concept of science and humanities.

Art 4

The evolution of the HP since the neo-cortex developed the skills of the memetic functions (reproducing, differentiating, recombining and reconfiguring) is potentially unlimited.

Art 5

The HP as the evolutionary systemic and memetic unit of humankind's development is fully entitled both to search/fight for happiness and to fully access to any kind of opportunities available and to turn the potential ones into real ones from "not yet" to "already" enhancing evolution and its triple helix systemic dynamics.

Art 6

As the past is the balance of negative selections, no strategic problem solving, no solution to contemporary-problems can come by restoring or upgrading past options.

Art 7

Systemic science is a complexity, epistemology, theory, methodology, paradigm and technical toolkit which allows and facilitates applied research through conceptual maps, modeling and constructivist simulations aimed at analyzing and strategically developing the *key bifurcations and global challenges* (KBGC) of our times.

Art 8

Applied systemic research is aimed at evolving strategic problem solving for the KBGC of our times such as energy, pollution, health, aging, ecological sustainability and humankind's full empowerment.

Art 9

The well-being, health, empowerment and wealth (in brief, the evolution) of the HP is pivotal for the systemic science and no effective powerful of HP evolution might be concretely possible without an adequate empowerment of systemic science, thus HP evolution and systemic science evolution are intrinsically and profoundly related and cannot be separated one from the other.

Art 10

Considering the importance of the objectives of systemic science, it is strongly engaged to create and promote information and consent among HPs, so that they can reduce the risks and facilitate their own empowerment by facilitating the empowerment and strategic problem solving speed of the systemic science.

Art 11

Applied systemic science for strategic policymaking is aimed at facilitating the development of *global world class top brain workers* (GWCTBW) serving as early adopters to diffuse riconfigurational solutions to evolve the HP.

Art 12

System science is engaged to create a GWCTBW planetary orientation to evolve HP by trendsetting and riconfigurating and by shaping a *cosmopolitan world class evolutionary scientific citizenship* (CWCEC) vision.

Art 13

A CWCEC evolving through an high speed rogersian (or functionally equivalent) riconfiguration cycle under the global guide of the GWCTBW is fundamental to network these planetary benchmarks sharing very similar conceptual, meta-reflexive and technological abstraction levels and a vision which thinks in terms of wide strategic horizons and improvement of riconfigurational wealth evolution systems.

Art 14

Systemic science is an interdisciplinary approach to complex, strategic, high added value knowledge, epistemologically, theoretically, paradigmatically, methodologically and technically organized both for general and applied research.

Applied research is strategically focused on empowering and evolving the GWCTBW to allow

them to evolve the HP so that humankind might face the KBGC of our times at its best provided is the most empowered evolutionary toolkit for riconfigurational strategic solutions and chances for the well-being, health and wealth of the greatest number of HPs possible also removing obsolescent common sense beliefs, ideas which often frame common people behaviours before they evolve cognitively and memetically into an HP.