



I Congreso Iberoamericano de Soluciones Sistémicas para la Transformación de las Organizaciones

-CISSTO-

Make your Plans to attend!



Euroforum

San Lorenzo de El Escorial, Madrid
Wednesday 28th, Thursday 29th and Friday 30th November 2018

Web page: www.cissto.org
www.sesge.org



Congress

The Ibero-American Congress of Systemic Solutions for the Transformation of Organizations (CISSTO) will take place on November 28th, 29th and 30th, 2018. This will be the first Ibero-American Congress of this type to be held in Spain, organized by the Spanish Society of General Systems (**SESGE**). It is oriented towards the presentation of concrete solutions to complex problems, starting from the differential marked by the concepts and methodologies of Systemic Thinking and Design, Cybernetics, the studies of Complexity and the impact of New Technologies on Society, on People and in Organizations; This precedes the challenge of transforming these ideas for the 21st century.

The I CISSTO is open to participation from public and private entities from Spain, Portugal and Latin America. It seeks to engage the integration of organizations and professional communities from these regions, interested in the study and practice of **systemic thinking**.

Vision, Mission and Values

CISSTO aims to serve as a meeting point representative of Systemic Solutions, facilitating the approach between academics and industry professionals in an environment rich in experiences at an international level. The following are its major objectives:

- Connect Latin American and European Systemic Thinking.
- Obtain practical and fundable projects based on the systemic approach, useful for both private and public organizations, and for Society in general.
- Offer practical experiences in LATAM and in Europe.
- Explore the paths of Transformation of Individuals and Organizations for the challenges and complexity of the 21st century.

The challenges posed by the Knowledge based Society for the 21st century force previous models from last century to evolve, moving from a society with very marked environments and borders to the current panorama in which boundaries are diffuse and whose universality is a common characteristic trend. Because of this and reflecting on the high academic level of Systemic Thinking in Latin America, Spain and Portugal, we present this initiative by inviting international companies interested in enhancing their position in industry to collaborate in this first Ibero-American Congress of Systemic Solutions for Transformation of Organizations - CISSTO.

So, please block these dates in your Agenda!

General Information

Congress will open: 09:00, a.m. Wednesday, 28th November 2018

Congress will close: 14:00, Friday, 30th November 2018

Place: San Lorenzo de El Escorial

This I CISSTO meeting, Congress will take place at the **Euroforum** facilities of San Lorenzo de El Escorial, Community of Madrid, Spain.

Just 30 minutes away from Madrid capital and 45 minutes from the Madrid Adolfo Suarez Airport, San Lorenzo de El Escorial is easily accessible to participants. The town is hub of historical, tourist and cultural interest, in addition to its natural beauty and spiritual importance. In San Lorenzo de El Escorial, or simply "El Escorial", as it is known in the world, a combination of culture, tourism, nature, learning and evolution can be found in a single site. It provides opening possibilities for a diverse audience within the framework of fulfilling I CISSTO's goals.

Euroforum

The “Palacio de Los Infantes” is an 18th century building, restored and remodelled and with respect to its original structure by the architect Miguel de Oriol. In 2012 its infrastructure was updated to provide the Palace with the appropriate technology for all types of events and training programs, making the complex unique as it has retained its historical and cultural essence while providing cutting-edge technology and facilities. This is an 18th century building with 21st century conveniences.

Contact Information:

PALACIO DE LOS INFANTES

Calle del Rey, 38

San Lorenzo de El Escorial

28200 – Madrid

+34 918 967 000

More information in <http://www.euroforum.es/instalaciones/palacio-de-los-infantes>

Internet

WiFi will be available throughout the Congress

Transportation

Transportation will be provided on both November 27th and November 28th from the airport or the train station to El Escorial, and on November 30th from El Escorial to the airport or the train station.

Some confirmed Keynote speakers.

Among other speakers to confirm, the following keynote speakers of international prestige include:



Dr. Cleotilde Gonzalez is director and principal researcher of the Dynamic Decision-Making Lab at Carnegie Mellon University. She has a Ph. D. en Information Systems Management from Texas Tech University. Her renowned research career focuses on the meeting point between technology and studies of human behaviour in decision making, for which she has conducted multiple and complex experiments and simulations. She has developed an extensive knowledge base that is evident in multiple publications focused on the role and development of decisions based on experiences, decisions based on learning, the similarity of contexts and the cognitive abilities of decision

making.



Dr. Maria Isabel Sanchez Segura is director and principal researcher of the SEL-PROMISE group at Madrid's University Carlos III (Processes and Information Technology for the Systemic Governance of Intelligent Organizations).

She leads a line of research on the study of technological organizations based on the complexity of their intangible assets. The product of her research is reflected in multiple publications in refereed journals, conferences and technological patents.



Dr. José Pérez Ríos is Professor of Business Organization, at the University of Valladolid, with an extensive background in research focused on the use of cybernetics, modelling and simulation, strategic planning and organizational learning for the governance of organizations. He has multiple publications in scientific journals and specific books on organizational studies. Recently recognized by the International Academy for Systems and Cybernetic Sciences (IASCYS). Among other awards and distinctions, he has The Kybernetes Research Award (2005) by the World Organization of Systems and Cybernetics (WOSC) and the "Honorary HSSS Award as Distinguished Scientist" (2007) by the Hellenic Society for Systemic Studies (Greece). He is also member of the board of directors of the WOSC, (World Organization of Systems and Cybernetics).



Dr. Raul Espejo is the President of the World Organization of Systems and Cybernetics (WOSC) and the Director of Syncho Research, UK. Past Professor of Systems and Cybernetics at the University of Lincoln, UK. His research is in organisational cybernetics and systems. Among the more recent publications, it stands out the book published with Alfonso Reyes "Organizational Systems: Managing Complexity with the Viable System Model" (2011 in English and 2016 in Spanish). From 1971 to 1973 he was operations director of the CYBERSYN project - the project of the Chilean Government for the management of the industrial economy, under the

scientific direction of Professor Stafford Beer, experience for which he is widely recognised.

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Speakers and presenters

Papers and communications will be accepted from the academic world (professors, researchers, master students and postgraduate experts in General Systems Theory) and from other public and private organisations (professionals managers, directors, persons responsible for technical solutions), with experiences, theories, case studies and practical Solutions that show evidence practical and conceptual of systemic transformation of the organisations, based on systemic approach.

Who should attend?

The congress will be of interest to those professionals interested in the systematic transformation of organizations, such as managers and leaders wishing to transform outdated perspectives, R&D+I directors, heads of strategic planning, policy and organizational consultants, directors of information technologies, in addition to their individual team members.

The first CISSTO will provide a platform that reaches across the division of business organizations and the academic world where both students and researchers can interact and combine their mutual interests within the congress' thematic areas.

Any professionals will come together with those individuals who wish to transform and recycle themselves in order to hold positions of change management and transformational leadership in the transformation of 21st century organizations.

The Systemic Approach

Systemic Thinking, in practice, is an emerging discipline suitable for management and direction of private and public organizations and which offers conceptual and methodological tools for strategic design to help focus and solve complex problems. It suggests a transition of thought from traditional approaches corresponding to Linear Thought, to the emerging multi-causal approaches typical of Systemic Thinking.

It also presents alternative and efficient ways of approaching reality, usually represented by tasks or situations. As an example, systemic thinking considers the multiple perspectives that individuals may use to resolve the same problem, phenomenon or situation. Recognizing the existence of multiple perspectives is crucial in the search for the holistic understanding that Systemic Thinking and its multi-causality seek to address.

The Systemic Approach emerged in the 20th century as a new effort in the search for valid concepts and laws to describe and interpret all kinds of real, physical or virtual systems at that time. Currently in the 21st century, it can be said the way to better solutions for increasingly complex problems, that the traditional, Cartesian and Newtonian approach is not able to solve.

Four statements regarding the Systemic Approach accepted by professionals and academics in this field, are the following:

- ***The whole is greater than the sum of its parts.***
- ***The whole determines the nature of the parts.***
- ***The parts cannot be understood if they are looked at in isolation from the whole.***
- ***The parts are dynamically interrelated and, in addition, are interdependent from each other.***

It is our hope that professionals and academics who have consciously or unconsciously been followers of these principles, can together rethink Systemic Thinking and the effect and validity it has for current organizations as well as those emerging in today's society, with special focus on **practical experiences in LATAM and Europe.**

I CISSTO: Concepts of Systemic Solutions

Given that the main objective of the Congress is the application of Systemic Thinking and its theoretical models to solve real problems that Society in the 21st Century must address, the theoretical papers presented in I CISSTO should be oriented towards real-world problems, the result of which will result in solutions applicable to real life (or with the potential for it). Companies, Public Administration and Society itself can also be aligned in a coordinated manner in the use of new methodologies, approaches and technologies.

Companies that want to adapt their organization, means and procedures to this new panorama will need professionals who have received training in the systemic approach. Those responsible for educational systems at all levels will have to recognize this in their market studies. With this in mind and in order to facilitate a homogeneous evaluation of our documentation and its connection to real-life situations, we have defined the following thematic areas of interest:

You are invited to present complete and in-depth development papers, although not limited to the aforementioned thematic areas. As a suggestion we define general aspects to be dealt with in each area and examples of current problems that require solutions. Similarly, companies are invited to present their experiences and needs, which will provide guidance to potential presenters.

The following thematic areas of interest have been considered:

BLOCK 1

- **Transformation of Organizations (Theoretical / Practical - Framework).** Presentation of the systemic approach for its practical implementation, in various sectors. Organizations must be prepared to deal with complexity, change and properly handle interdisciplinary solutions.
- **Transformation of Individuals. New professionals for the Knowledge based Society.** It is increasingly urgent that the new society, the technological development, the new forms and competence and the great environmental and other challenges, need the development and training of new managers capable of facing the challenges of the 21st century complexity. There are current professions that will disappear and other professions that have yet to be created. There are new approaches and the need for disruptive professionals.

BLOCK 2

- **Public Administration.** The way cities and communities are currently designed are antiquated but this is radically changing. Note problems of migrations from the countryside to the city, or from one country to another. New models of Management and Public Administration must be based on systemic concepts.
- **Economic Transformation.** Another characteristic of the 21st century is the rapid and disorganized growth caused by globalization but which is often not global. We find ourselves in an historic moment in which great challenges must be met and which will have an enormous impact on socioeconomic reality. The economic sustainability of the Planet will depend on multiple factors such as access to natural and artificial resources, adaptation of productive means, education, and so forth. We request the contribution of papers in the areas that offer practical solutions to alleviate these problems. We must define new paradigms to overcome the current dichotomies and the enormous economic and cultural differences between regions.

BLOCK 3

- **Compliance Management.** Application of laws and compliance does not work in many countries, due to sluggish, obsolete and often corrupt practices and governance. In many cases there is no separation of powers so real democracy does not exist. Legal, Risk, Compliance and Ethical Aspects. Problems of the current Legislation. Disruption between legislation and the speed of change and technology.
- **Transformation of Education.** Educational systems are cultural products that reflect the collective beliefs and values of each community. Thus, they “**reproduce the mistakes of the societies to which they belong**”. In fact, in many cases they have served as a basis to propagate the current ideology and create new followers. New conceptions of the Universe and current scientific concepts have barely penetrated the general culture and knowledge imparted in general and professional education and constitute a revolutionary intellectual perspective that cannot continue to be ignored by future generations. A design principle should be sketched for new educational models based on a systemic perspective that takes into account not only professional training but also the global education of individuals.

BLOCK 4

- **Digital Transformation.** Science and technology are complementary concepts that are also a transversal model that will radically help the transformation of Society and serve as a support for previous models.
Digital Transformation of organizations and Internet 4.0 are among the approaches oriented to leverage the transformation of organizations. New approaches, trends and proposals. Disruptive Technologies. Artificial Intelligence. Gamification. Blockchain.
- **Integral Security.** Systemic Approach to Security in Organizations (Protection + Defence). Territoriality and sovereignty must be redefined. Security as absence of risk is no longer possible, much less as the sum of security, physical, logical, prevention, protection, financial, environmental, political, legal, and so forth. It is no longer possible to maintain a reductionist vision of the Company and the current organizational structure of companies. Systemic approach to Cybersecurity.

Presentation formats

In particular, this Congress will allow the presentation of papers in any of the following formats:

Scientific articles (Lecture + Manuscript)

A rigorous academic contribution, in Spanish or English, with correctly presented and replicable validation results.

Technical articles (Lecture + Manuscript)

A brief work intended for publication in academic journals and which refers to an activity of theoretical or theoretical-empirical research carried out in advance. This may or may not present concrete validation results.

Posters (Poster + Extended Report)

An extended graphic presentation containing a title, the name of the authors and the centres. Text and figures that explain a project, a research project or a technical or industrial experience.

The proposed works will be evaluated by a qualified academic and professional committee, who will determine the acceptance or not of the proposals.

Workshops / Workshops

Sessions in parallel with an eminently practical approach, which can be dictated by professionals specialized in the topics of the Congress and / or leading technological companies for the transformation of organizations. Working groups to design Systemic Solutions for specific problems. See agenda of papers

Conferences

High-quality conferences will be presented by practicing professionals and academics of recognized prestige, framed within the thematic areas of the I CISSTO. If you wish to propose a conference, you should make your request to the organizing committee through info@cissto.org

Awards and honours

The papers presented in its three categories (scientific articles, technical articles and posters) will be evaluated by a qualified committee with the intention of recognizing the best papers in each category. A certificate of official recognition will be granted.

Possibilities of Publication

Authors whose papers have sufficient scientific and methodological basis will be invited to send a manuscript developed from their article for the publication of a special issue of a scientific journal dedicated to the 1st Ibero-American Congress of Systemic Solutions for the Transformation of Organizations - CISSTO.

Certificates of participation

All participants who register and present will receive a certificate of participation and communication, issued by the Spanish Society of General Systems and signed by the Academic and Organizing Committee of the Congress.

Book of Abstracts

Papers accepted for submission will go through a process of quality review and format to appear published in the book of abstracts of papers presented at the congress. This book will be identified with an own ISBN and will be available for consultation on the web.

Registration

Registration must be done through the official website of congress: www.cissto.org, where additional details of registration fees, bank information, payment methods and instructions to request a letter of invitation should be needed.

The updated information on Registration will be permanently on the website: www.cissto.org. You are invited to visit this website regularly to consult any details about the congress.

Link: www.cissto.org

Registrations: <http://cissto.sesge.org/ocs/index.php/cissto/cissto2018/user/account>

Contact

Web Sites: www.cissto.org

www.sesge.org

CISSTO Organizing Committee info@cissto.org

Hashtag: #cissto2018



@CISSTO_SESGE



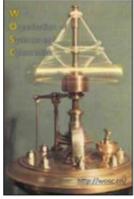
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