

## Complexity 2009 - Camaguey - Cuba

[Spanish version](#)

### Welcome to the website of the 3rd Biennial International Transdisciplinary Seminar on the Complexity Approach– Camaguey - Cuba. 2009

#### Topics of interest:

##### **Transdisciplinarity:**

Conceptual and theoretical developments, transdisciplinary research methodology, transdisciplinary research projects, challenges and barriers to transdisciplinarity, relationship between discipline, multidiscipline, interdiscipline, transdiscipline and the solution of complex problems of the real world, transdisciplinary curriculum development, the language of transdisciplinarity.

##### **Complexity:**

Nonlinear Science, Selforganization, Chaos Theory, Fractals, Fuzzy Logic, SoftComputing, Complex Networks Theory, Critical Phenomena, Phase Transitions, Quantum Chaos, Coherent Structures, Random Dynamical Systems Theory, Nonlinear Time Series, Computational Modeling and Simulation of Complex Systems (Agents-based and Cellular Automata); and other ways to approach the study of the complex behavior of the systems. Relationship between complexity and various fields of knowledge. Systematization of the language of complexity.

##### **The Transdisciplinary Approach of Complexity:**

The implications of the complex behavior of systems and the need of a transdisciplinary vision for their study. Development of complex transdisciplinary thinking. Reports of examples of solution of complex problems in the real world. The University and Transdisciplinarity.

**Start date:** February 23, 2009    **Completion Date:** February 27, 2009

#### Program (preliminary):

- **Seminar**
  1.        **Sessions on Transdisciplinarity.**
  2.        **Sessions on Complexity.**
  3.        **Sessions on the Transdisciplinary Approach of Complexity.**
  4.        **Sessions on Complexity and human social development.**
- **Internacional School on using Complexity Theory, Agent-based Simulation and Modeling tools to understand real problems. This will be conducted by some researchers from Santa Fe, New Mexico, USA.**
- **I Parallel Workshop on Complexity, Transdisciplinarity and Education.**
- **I Parallel Workshop on Complexity and Aesthetics and Art.**

- I Parallel Workshop on Complexity and Medicine.

**Home institution:**

Cathedra of Complexity of the University of Camagüey

**Invited home institutions**

Cathedra of Complexity of the Camagüey Branch of the Higher Institute of Art.  
Center of Medicine and Complexity of the “Carlos J. Finlay” Medical University of Camagüey.

Center of Study of Communitary Work at the University of Camagüey.

**Contacts for information about the seminar:**

Electronic mail addresses (Please, include in the subject of the message:

**Seminario2009):**

**Seminar official e-mail address:** [complejidad@reduc.edu.cu](mailto:complejidad@reduc.edu.cu)

Seminar **alternative e-mail** address: [3seminariocamaguey2009@gmail.com](mailto:3seminariocamaguey2009@gmail.com)

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[marcelochaconr@gmail.com](mailto:marcelochaconr@gmail.com)

President of the Organizing Committee

Head of the Cathedrae of Complexity of the University of Camaguey.

Postal Address:

III Seminario Bienal Internacional Transdisciplinario sobre el Enfoque de la Complejidad – Camagüey 2009

Cátedra de Complejidad. Universidad de Camagüey

Carretera de Circunvalación Norte. Km 5.5. Camagüey. Cuba. CP 74650.

**Contact for the I Parallel Workshop on Complexity and Aesthetics and Art:**

Dra.C. Imai Marissa Delgado Guerrero [ITallerCEA@reduc.edu.cu](mailto:ITallerCEA@reduc.edu.cu)

Head of the Cathedra of Complexity of the Camagüey Branch of the Higher Institute of Art.

Coordinator of the I Parallel Workshop on Complexity and Aesthetics and Art.

**Contact for the I Parallel Workshop on Complexity and Medicine:**

Lic. Eloy Ortíz Hernández [eloyortiz@infomed.sld.cu](mailto:eloyortiz@infomed.sld.cu)

Director of the Center of Medicine and Complexity of the “Carlos J. Finlay” Medical University of Camagüey.

Coordinator of the I Parallel Workshop on Complexity and Medicine.

**Contact for organizing your travel to Camaguey, Cuba:**

Dr. Omar Iglesias [omar.iglesias@reduc.edu.cu](mailto:omar.iglesias@reduc.edu.cu)

Official agency for traveling: CUBATUR

### **Standards and formats for submitting your work:**

**The abstracts:** should contain between 300 and 600 words, in Letter format (8.5"x 11"), a space and a half, Arial font (12 points), Microsoft Word or PDF. Include title, author, e-mails, institutions and abstract. It is suggested to include the summary in Spanish and English.

**The final papers:** maximum 12 pages, in Letter ormat (8.5"x 11"), a space and a half, Arial font (12 points), Microsoft Word or PDF. Include title, author, e-mails, institutions, abstract, introduction, development of the main ideas, conclusions and references.

**The event's official languages** are Spanish and English.

**All selected works will be published** in the memories of the event, on a CD-ROM with its ISBN.

**Forms of presentation:** Lectures, Presentations, Poster, Round tables, Software, Multimedia.

### **Important dates:**

**Register to participate in the seminar:** From November 1, 2008 to January 10, 2009. You must send by e-mail your personal data: name, e-mail, institution, country, tentative title of your work, category of participant (student, delegate or observer).

**Deadline for abstracts:** Until January 10, 2009.

**Deadline for final papers:** Until February 5, 2009. The works received after this date are not guaranteed to be published in the proceedings of the seminar.

**The abstracts and papers must be submitted electronically to:**

[complejidad@reduc.edu.cu](mailto:complejidad@reduc.edu.cu)

(only up to 1 Mb), or [3seminariocamaguey2009@gmail.com](mailto:3seminariocamaguey2009@gmail.com)

**Notice of acceptance of the received works:** Until January 20, 2009.

### **Registration fees:**

The registration fee covers: the book of abstracts, the seminar's program, lunches and / or snacks, CD-ROM with the proceedings and ISBN and Diploma of participation in the seminar. Pre-event courses, include an optional fee, for those interested.

#### **Registration fees (seminar)**

	MN	CUC
Students	70.00	70.00
Delegates	150.00	150.00
Observers	100.00	100.00

**Registration fees (seminar + pre-event courses)**

	MN	CUC
Students	100.00	100.00
Delegates	200.00	200.00
Observers	150.00	150.00

**Web sites that contain official information about the seminar:**

<http://www.reduc.edu.cu/complejidad/>

<http://sites.google.com/site/complejidad2009camaguey/Home>

<http://tallerencamaguey.pbwiki.com/>