

## **Seminar IRH-ICUB**

### **Consciousness and Cognition: An Interdisciplinary Approach**

<https://irhunibuc.wordpress.com/2016/04/05/new-seminar-consciousness-in-philosophy-and-neuroscience/convenor>

**Dr. Diana Stanciu** - [https://irhunibuc.wordpress.com/visiting\\_scholars](https://irhunibuc.wordpress.com/visiting_scholars)

**Date: Tuesday, 25 October 2016, 17h**

**Place: IRH-ICUB (D. Brandza 1), conference room**

## **Prof. Stefan Stanciugelu**

**National School of Political and Administrative Studies, Bucharest /  
Kiril and Metodi University, Slovakia**

**Prof. Ștefan Stănciugelu** undergoes research at the National School of Political and Administrative Studies, Bucharest and there he also delivered (1996-2015) courses such as: *Paradigms of collective violence*, *History of social and political ideas* and *Romanian political thought*. Since 2014, Prof Stanciugelu has also been delivering the course *Media Research* at the Faculty of Communication and Mass Media, University Kiril and Metodi, Slovakia. His most important books concentrate on social-political change, social influence and social manipulation. Among these, one can enumerate: *Violence, Myth and Revolution: From Ritual Violence to Symbolic Violence and the Political Don-Juanism of the Democrats* (All, 1998), *The Logic of Manipulation: 33 Techniques of Romanian Political Manipulation* (C.H. Beck, 2010), *An Anti-manipulation Manual: Techniques and Cases* (C.H. Beck, 2014), *The Liberalism of the Periphery: The Fractal Grammar of the Social in the European History of the Liberal Idea* (Tritonic, 2016, forthcoming).

### ***The Fractal Grammar of the Social and the Emotional Brain***

Sociobiologists tell us that the human being became superior to all the other species not because he was "sapiens", but because he had 1) the capacity to "read" the mind and the intentions of the others in the non-verbal signs of the body and 2) the capacity for long-term cooperation in pursuit of a certain goal (we do not cooperate only occasionally, for prey, once a day or when we are hungry or afraid). These abilities do not seem to be directly connected to the Neocortex – in the sense of the capacity of abstractization, planning, of creating tools, etc. This is what is conveyed by a long series of experiments and advanced technology research results, to which the philosophers of the "mind separated from the body" could not have any access 4 centuries ago. But this is not the topic of my presentation.

My lecture launches a **Hypothesis**:

Relationships of cooperation, communication and social influence are governed by a Law of Nature: the fractal law of auto-similarity.

It was used by mathematicians of genius for non-Euclidean sets and figures for a century until B. Mandelbrot discovered that the principles used in the non-Euclidean geometry by important figures such as Cantor, Sierpinsky, van Koch etc. have been a part of nature for billions of years ("The Fractal Geometry of Nature" 1975, 1982).

I consider that one can derive from this Fractal Geometry of Nature a true "Fractal Grammar of the Social", centered in the principle of auto-similarity.

(To be demonstrated.)