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A constructivist and soft view of systemic design: A tribute to Jean Michel Larrasquet’s work

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Suggested citation:

A constructivist and soft view of systemic design

A tribute to Jean Michel Larrasquet’s work

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Systemic Design and French Literature

Truths are things to do and not to discover, they are constructions and not treasures

Egiak gauzak dira egin eta ez jakiteko, eraikuntzak dira eta ez altxorrak

(P. Valéry)
Pier Paolo Peruccio,
*Toward Systemic Design, 2016*

John Ehrenfelf, RSD6, Oslo, 2017

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**Establish a Curriculum in Flourishing**

- FLO 101 Fundamentals of flourishing: semantic; cultural; psychological; philosophical (Ehrenfeld, Volf, Fredrickson, Rasmussen)
- FLO 102 Critical studies of modern cultures (K. Polanyi, A. Touraine)
- FLO 103 Introduction to brain science (L. McGeech, A. Damasio, H. Maturana)
- FLO 104 Human ontology (M. Heidegger, H. Maturana, J-P. Sartre, J. Searle)
- FLO 105 Complex systems theory, pragmatism, adaptive management (Capra, Dewey, L. von Bertalanffy)
- FLO 106 Non-neoclassical economics or the economics of empathy/care (E. F. Schumacher, J. Stiglitz, A. Sen, M. Nussbaum)
- FLO 107 Culture as a complex adaptive system (A. Giddens, R. Ackoff)
- FLO 108 Critical study of technology (L. Mumford, T. Kuhn, B. Latour, S. Turkle)
- FLO 201 Management of complex adaptive systems (C. S. Holling, L. Gunderson)
- FLO 202 Systems thinking (P. Senge, R. Ackoff, C. Argyris, D. Schön, J. Sterman)
- FLO 203 Participatory design theory (B. H. Banathy, P. Ehn, M. Kyng)
- FLO 204 "Democracy" theory (J. Dewey, E. O. Wright)
- FLO 205 History of the “self” (C. Grignon, B. Hood, C. Taylor)
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Introduction

Joanna Boehnert
Eco-Literacy Map, 2016
Truths are things to do and not to discover, they are constructions and not treasures

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(P. Valéry)
COMPLEXITY

Edgar Morin

DIALOGIC

two contradictory principles are united not to overcome the contradiction but to consider the complexity of the tension that this contradiction provokes

RECURSION

procreative loop = the subject is a product of the system and at the same time the system is created by subjects’ actions

HOLAGRAMMATIc

"the part is in the whole, but the whole is in the part" - The whole system’s behavior is engrammed in its elements, DNA example.


“KNOWLEDGE” is an enaction of a system and a mind (Maturana et al., 1970) (not an accumulation of information) and an ACTION that comes into new phenomenon (not a prerequisite for action) (Benasayag, 2006).

Knowledge is about modifying cognitive constructions to create clearness in experimentations and practices. A system cannot be known without acting and transforming it (Piaget, 1998) therefore DESIGN research and practices can be seen as means to operate research for action (Avenier et al., 2007).

Innovative Design processes involve the co-evolution of systems, mental representations and relationships between stakeholders. With the Actor Network Theories, Akrich et al., (1988) proposed not only a frame to observe the co-evolution of processes of technical artifacts and social structures but also defined the notion of “translation” referring to the complexity of creating relationships when building innovating networks: stakeholders are constantly creating narratives that could create convergence or divergence between the diverse interests, enrol and disengage new actors.

Truths are things to do and not to discover, they are constructions and not treasures

Egiak gauzak dira egin eta ez jakiteko, eraikuntzak dira eta ez altxorrak

(P. Valéry)
**Biography**

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<tr>
<th>1950</th>
<th>1980</th>
<th>2000</th>
<th>2012</th>
<th>2018</th>
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<tr>
<td><strong>Born in Paris</strong>&lt;br&gt;Within a Barkoxe family</td>
<td><strong>IUT – Bayonne</strong> – Lecturer / Professor in Management</td>
<td><strong>ESTIA</strong> – Creation of a research group on action-research / STEAM</td>
<td><strong>Mondragon Unibertsitatea (MU)</strong> – Pr&lt;br&gt;<strong>Projectics – Society</strong> – Co-founder / President&lt;br&gt;<strong>President of Eusko Ikaskuntza,</strong>&lt;br&gt;<strong>Basque Analysis Society</strong>&lt;br&gt;<strong>Creation of ETICOOP</strong></td>
<td><strong>Professor</strong>&lt;br&gt;<strong>Territorial Activist</strong>&lt;br&gt;<strong>Prospective Researcher</strong>&lt;br&gt;<strong>Manager</strong></td>
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Jean Michel Larrasquet

Projectics

Conference + Journal (ISSN: 2031-9703)

- Linked to the field of human action complexity within the organizations
- **Territory, Responsible Innovation, Complexity, Entrepreneurship**
- Going beyond rationality (within emotions, inter-subjectivity, intentionality, etc.)
- Moving towards open approaches which are aware of the limits of reason, face contradictions and paradoxes, and are systematically based on the research of de-compartmentalization.
- Introducing complexity to understand organizations
- **Transdisciplinary** approaches
- Published in Spanish / French / English

Intervenants:

Bruno Latour, Marie-Josée Avenier, Isaac GETZ, Jean-Michel Goyard, Jean Claude Moisdon, Jean Louis Ermine, Nicholas COUTTS, Charles Van der Haegen, Jean-François Zobrist, Jean Louis Le Moigne, Michel Adam, Richard Owen, Dany Gerbinet, Vincent de Gaulejac, Albert Jacquard, Alain d’Iribarne, Joël de Rosnay
• Collaborations multi-stakeholders
• Global approach of entrepreneurship
• Within design and action-research practices
• Thinking systems / Challenging ideas / Using Critic Design / PSS / Eco-Innovation tools during the early development of entreprenarial practices
Eusko Ikaskuntza – Society of Basque Studies, EL-SEV is a private scientific-cultural entity founded in 1918 by the Autonomous Regional Governments of Araba-Alava, Biscay, Guipuzcoa and Navarre to give a global and comprehensive response to the social challenges of Vasconia taking into account its territorial particularities and overcoming administrative, ideological and social barriers.

By understanding the past Eusko Ikaskuntza–Society of Basque Studies undertakes research and analysis which give rise to formulae and guidelines for the present and future of Basque Society.

It is the only multidisciplinary institution of a scientific nature that is formally established in the Autonomous Basque Region, the Autonomous Region of Navarre and the Continental Basque Country.
IMAGINING THE FUTURE within the diversity of territories (rural/urban) involving citizens and territorial stakeholders for prospective works
Real, M., Lizarralde, I. A constructivist and soft view of systemic design. A tribute to Jean Michel Larraquet’s work. (New) Insights for the SD community.
"Complex organizations are networks of people embedded in territories and cognitive’s processes constructing transitions with sense-making, ethics, care and emotions".

THANKS FOR YOUR ATTENTION