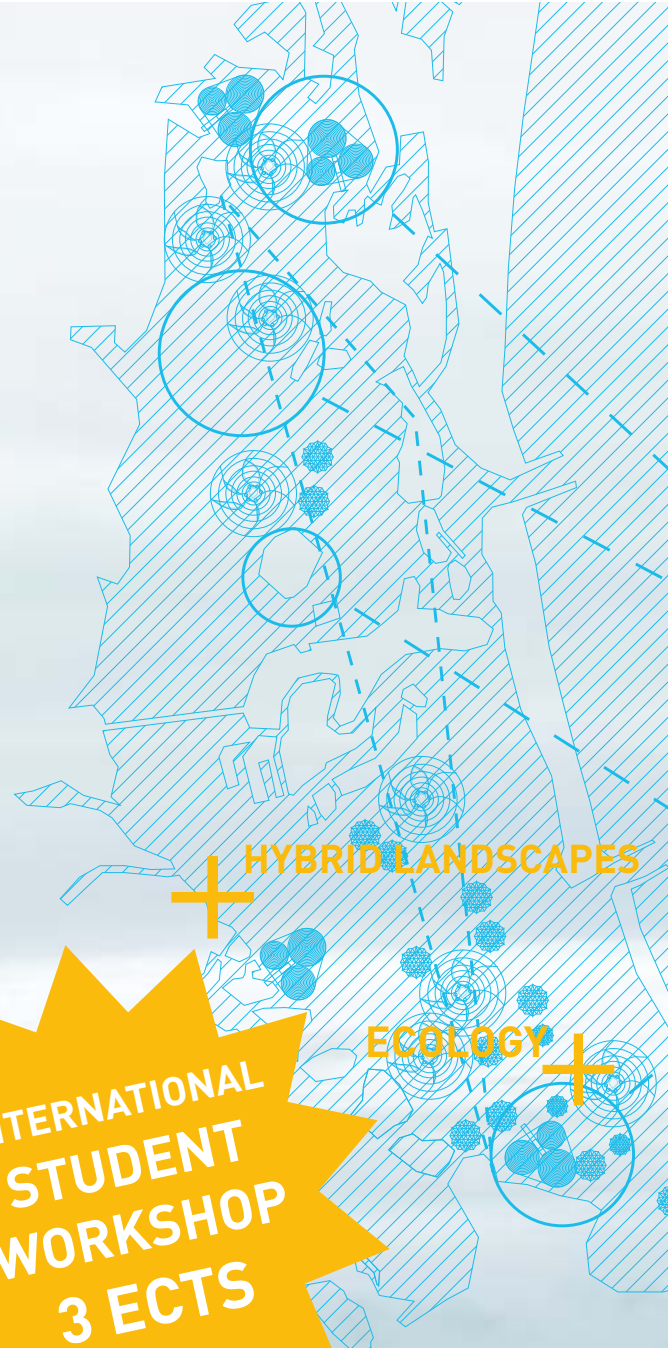


„We will not transition successfully to a restorative economy until **SYSTEMS THINKING** becomes as natural, for millions of people, as riding a bike.“

JOHN THACKARA



**HYBRID LANDSCAPES**

**ECOLOGY**

**INTERNATIONAL STUDENT WORKSHOP  
3 ECTS**

**#01**

**SYSTEMIC THINKING**

JUN 21st

**VENICE**

DEZ 21st

INSTITUTE FOR ARCHITECTURE AND LANDSCAPE | **a&l**, TU GRAZ

# EMERGING REALITIES

SYSTEMIC DESIGN FOR THE VENETIAN LAGOON

**INTERNATIONAL STUDENTWORKSHOP**

@ the 13th International Architecture Exhibition la Biennale di Venezia

**Nov 11 to 18, 2012**

**ENVIRONMENTAL IMPACT**

**SUSTAINABLE DESIGN**

**AQUACULTURE**

**ECOSYSTEM**

**LOCAL KNOWLEDGE**

**a&l**

STARTUP INFORMATION | #01

# EMERGING REALITIES

## SYSTEMIC DESIGN FOR THE VENETIAN LAGOON



In the pursuit of the most prized commodities of our time - energy and food - the VENICE EMERGING REALITIES workshop envisions the Venice Lagoon archipelago as a prototype for a **future metropolitan regional system**. At this moment in time, when the modern myth of unlimited growth reveals visible cracks, a new productive landscape, capable of supporting a regional community is thought to establish an integrated and environmentally stable system that builds upon existing biodiversity, cultural practice and production.

With interdisciplinary lectures, presentations and concentrated teamwork, students from all over the world will be introduced to the quest for an architecture and design process of **systemic thinking**. Within this proposed systemic scenario, the Lagoon becomes a vast working resource in which eco-systems, local food production, energy cycles, and human activities energetically and environmentally are self-sustaining. Natural processes, human activity and technology then interact, giving opportunity to restore, renew, and reconnect.

Within a one week workshop we will develop **hybrid architectures** beyond the vast separation of the modern world. In combining regional cultural practice and renewable energy production with local food supply, students will be introduced to this integral design approach, leading to a new set of hybrid architectural typologies. In applying specific architectural techniques on mapping these interactions, students will learn how to address and integrate many layers of our complex world. EMERGING REALITIES thus attempts to focus on local specificity, on inventiveness and on a newly defined role of systemic thinking to render architecture and landscape as key disciplines to envision this future cultural practice.

Architecture and Landscape Architecture students of master or high advanced bachelor level are welcome to join this inquiry for a more inclusive architecture that prepares for complex design challenges to come.

## Working on SYSTEMIC DESIGN

The Institute for Architecture and Landscape proudly announces the International Studentworkshop EMERGING REALITIES - SYSTEMIC DESIGNS FOR THE VENETIAN LAGOON, detained in Venice, at the 13th International Architecture Exhibition at the biennale di venezia, from Nov. 12th to Nov. 16th.

International Guests will join the workshop-week where we will discuss and work on SYSTEMIC DESIGNS.

The Workshop participants will not only be introduced to systemic design as an indispensable tool for upcoming, more complex design tasks, but further more find the opportunity to work in an intense transdisciplinary environment.

The one week workshop will be completed by lectures and discussions with international guests and the results will be presented at the Biennale di Venezia.

*„We will not transition successfully to a restorative economy until systems thinking becomes as natural, for millions of people, as riding a bike.“*

John Thackara



## Speakers / Workshop Leaders



### **John Thackara**, London

Design researcher, innovation design expert, journalist, Senior Fellow at the RCA London, author, editor, speaker, keynote speaker at Creative Industries Styria (CIS) Convention 2009

„To do things differently,  
we need to see things differently.“

<http://www.doorsofperception.com>



### **Aldo Cibic**, Vicenza

Architect and designer, Cibic & Partners, founder of cibicworkshop design research studio, developer of new design typologies, teacher at the Domus Academy, Milan Polytechnic, University of Venice, Honorary Professor at Tongji University, Shanghai  
Microrealities, Rethinking Happiness

<http://www.cibicpartners.com>  
<http://www.cibicworkshop.com>



### **Klaus K. Loenhardt**, Graz/Munich

Professor and head of the Institute for Architecture and Landscape at the Technical University of Graz, architect, landscape architect, architectural theorist, cofounder of terrain: loenhardt&mayr landscape urbanism lecturer at Harvard University, founder of LANDLAB i a&l research studio

„The age of landscape begins.“

<http://www.ial.tugraz.at>  
<http://www.terrain.de>



### **Giulia Mazzorin**, Venice/ Milano

architect and urban designer,  
independent researcher

### **Andrea Curtoni**, Venice/ Rome

architect and urban designer,  
independent researcher

## The Institute for Architecture and Landscape | LANDLAB ia&l

With increasing speed and intensity, we are occupying and changing the habitats our planet provides. Not only the city, forecast to be the predominant living space of the 21st century, will extensively transform the environment, both man-made and natural, which surrounds us, but also climate changes and their interplay with an immense demand for renewable energy.

**The Institute for Architecture and Landscape (ia&l)** addresses the future processes and consequences of tangible transformation of our environment in terms of ecology, energy and also society itself. Apart from the challenges to be overcome, this future scenario harbors the unique potential for a creative approach, aiming for a cultural ecology.

This moment in time contains the unique potential to embark on a fundamental reexamination of the relationship between humankind and the environment. In this possible future, "civilization" and "nature" no longer constitute a dialectical antithesis with seemingly incompatible conflicts of interest. Nature and landscape, their ecology and dynamics, can henceforth increasingly become an integral part of our social ambitions and decisions.

In contrast to the pure abstraction and linearity of many planning approaches, the ia&l applies the methodology of **SYSTEMIC DESIGN** to develop profoundly context-related responses. Socio-political and ecological requirements are taken into account in equal measure as conceptual levels which complement each other on both – micro and macro planes.

The **LANDLAB** at the ia&l defines itself as a center of expertise at the interface between research and applications, and between a broad range of disciplines involved and their professional competencies. Within a joint practice of architecture and landscape architecture, the field of inquiry also encompasses the areas of ecology, biotechnology, process engineering, climate design, energy management, agriculture, urban and rural planning and politics. The centre expertise at the ia&l extends from the design of future scenarios for energy landscapes and regional growth studies to the development and design of pilot projects.

*„THE AGE OF LANDSCAPE  
BEGINS.“* Klaus K. Loenhart

Methodological approach to complex systems:



## 13th International Architecture Exhibition „Common Ground“ la biennale di venezia

29th August - 25th November 2012



The 13th International Architecture Exhibition titled Common Ground is directed by David Chipperfield and organized by la Biennale di Venezia chaired by Paolo Baratta.

The 13th Exhibition has arisen and developed from the path of research that la Biennale di Venezia carries out in the field of architecture, which in turn has made la Biennale a major event over the years.

The Exhibition designed by Chipperfield is spread over 10.000 square meters in a path from the Central Pavilion at the Giardini to the Arsenale. It comprises 69 projects made by architects, photographers, artists, critics and scholars. Many have responded to the invitation of the Director with original proposals and installations expressly created for this Biennale, involving other colleagues with whom they share a Common Ground in their projects.

David Chipperfield clarifies that he chose this theme “to encourage my colleagues to react against the prevalent professional and cultural tendencies of our time that place such emphasis on individual and isolated actions. I encouraged them instead to demonstrate the importance of influence and of the continuity of cultural endeavour, to illustrate common and shared ideas that form the basis of an architectural culture”.


The 13th Exhibition is complemented by 55 National Participations organized, as usual, in the Pavilions at the Giardini, at the Arsenale and in the city of Venice.

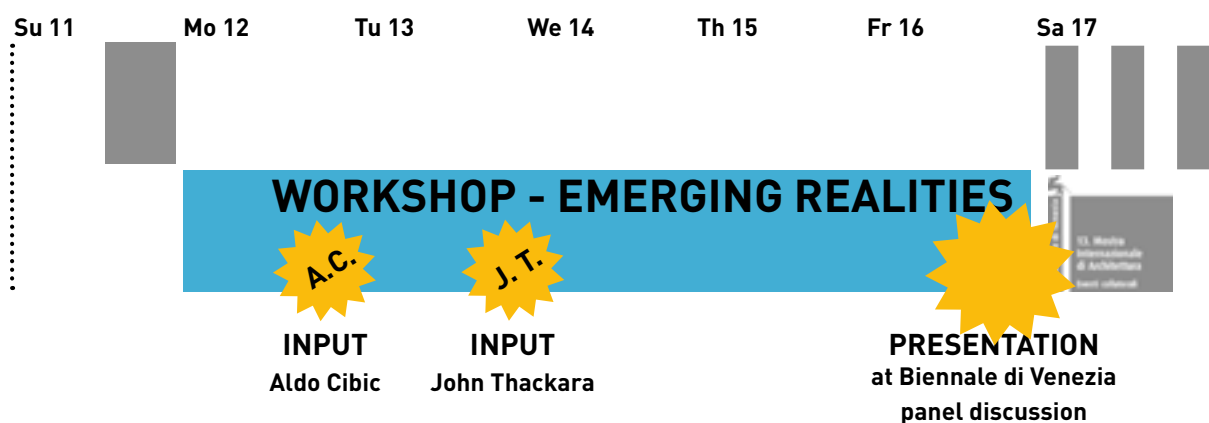
Events as „Meetings in Architecture“, a program of performance, conversations and talks dedicated to confront architects, sociologists, curators, artists and philosophers during October and November enrich the program.

<http://www.labiennale.org>



## WORKSHOP SCHEDULE

Sun	Nov. 11th		Arrival of participants	
<b>WORKSHOP</b>				
Mon	Nov. 12th	09:00	studio arrival <b>KICK OFF by KLAUS K. LOENHART</b> Introduction and boat trip - Venice Lagoon <b>Input Lecture: ALDO CIBIC</b>	
		evening		
Tue	Nov. 13th		<b>Input by KLAUS K. LOENHART</b> EMERGING REALITIES Studio - desk crits <b>Vison Lecture: JOHN THACKARA</b>	
Wed	Nov. 14th.		EMERGING REALITIES Studio - desk crits	
Thu	Nov. 15th		EMERGING REALITIES Studio - desk crits	
Fri	Nov. 16th	14:00-16:00	EMERGING REALITIES Studio - desk crits <b>Presentation of the Workshop results with international critics</b> <b>Panel Discussion with international guests, experts</b> <b>biennale, Giardini, central pavilion F</b> Dinner	
<b>BIENNALE VISIT</b>				
Sat	Nov. 17th		individual walk through the Venice Biennale	



## EMERGING REALITIES Costs & Fees

### Workshop Costs

Including Hotel accommodation for 6 nights /  
Biennale 3-day ticket / special lunch offer

**Euro 240**

### Workshop Fee

Including lagoon boat trip / workshop facilities / Internat. lectures  
working & presentation materials

**Euro 195**

**EMERGING REALITES** Total Cost

**Euro 435**

**SPECIAL!** → Early registration price until October 31

**Euro 395**

Final registration date November 7th

## Registration

please contact Lisa | [lisa-maria.enzenhofer@tugraz.at](mailto:lisa-maria.enzenhofer@tugraz.at) |  
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