Vertical/roof garden and Landscape Architecture:

from R. Burle Marx until today

Elective Workshop - special topics in landscape
June 11-15, 2018- ***Politecnico Milano - Polo territoriale di Piacenza- Aula D***

POLITECNICO
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Scuola di Architettura Urbanistica
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Organizer Main Professor
Dr. Julia Georgi/Nerantzia Tzortzi
Assoc. Professor at Neapolis University of Pafos
Head of the Dept. of Architecture, Land and Environment,
and Visiting Professor at Milano Politecnico, LE:NOTRE Board Member

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The workshop offers a base for understanding trends and ideas embedded within the design of vertical/roof gardens from their first conception from Roberto Burle Marx until contemporary practice.

This course explores the vertical/roof gardens designed by the Brazilian modernist landscape architect Roberto Burle Marx as an artistic expression since the 1930s. These common design features are often encountered in contemporary landscape design projects and are prevalent in landscape architectural discourse and practice today The contribution of Marx to the art of landscape design is his invention of an artistic, unnatural interpretation of the traditional concept of the vertical/roof garden that could become a plastic architectural aspect of the landscape space. Through case studies of built works including significant gardens, urban designs, recreational areas, corporate landscapes, restored natural sites, heritage sites, waterfront projects, resorts, et al., we will focus on vertical and horizontal forms while also exploring the conceptual framework that guided the production of those forms in today's landscape architectural practice.

The course will be structured on the platform of a professional design office with individual and collaborative modes of working. Pin-ups and design critiques will contribute to the process. We will collectively explore different design methodologies and technologies in order to develop flexible design strategies through a series of projects. concerning vertical and roof gardens design through several examples from Roberto Burle Marx until today.
Students are expected to explore, evaluate and practice all forms of design and planning communication: graphic representation, verbal presentation and critique discussions.
The syllabus consists from introductory lectures as well as an intensive studio work in order to comprehend the principles and concepts behind evaluating, analysing, and designing vertical and roofgardens. The programme of the studio explores ways of analysis and evaluation methods, focusing on the character of the given landscapes. Using the knowledge gained from the previous studio and courses, as well as from concurrently running courses, students will engage in advanced landscape design processes by: representing the landscape design and the characteristic details from specific works of Robetro Burle Marx in vertical and roofgardens and they will explore his influence at the contemporary examples. including drawings and construction details, three-dimensional actual and computational models, digital media, written descriptions and analyses.

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PROGRAMME

Monday 11th June		
09.15	Welcome	Julia Georgi
10.15	**Lecture 1 - Roberto Burle Marx**	Henrique Pessoa
11.15	Workshop introduction and set first task	Julia Georgi
12.15		
13.15	Lunch Break	

14.15	**Lecture 2 - Palazzo Lombardia. Roof Garden**	Roberta Peverelli
15.15	**Lecture 3 A novel vertical greenery module system for building envelopes**	Roberto Giordano
16.15		

Tuesday 12 th June		
09.15	**Lecture 4 Gardens of Consciounes**	Bill Butteworth
10.15		
11.15		
12.15	Design section	All
13.15	Lunch Break	

14.15	**Lecture 5** - **IKEA vertical garden**	Paolo Doninelli
15.15	Design session	All
16.15		

Wednesday 13th June		
09.15	**Lecture 6 Vertical/roof garden & landscape architecture: from Roberto burle marx until today**	Julia Georgi
10.15		
12.15		
13.15	Lunch Break	

14.15	Field trip in Piacenza	All
15.15		
16.15		

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Thursday 14th June		
09.15	**Lecture 7 Pietro Porcinai**	Biagio Guccione
10.15		
11.15	**Lecture 8"Urban greenscape: turning grey into green"**	Paolo Palmulli
12.15	Design session	All
13.15	Lunch Break	

14.15	Design session	All
15.15		
16.15		

Friday 15th June		
09.15	**Lecture 9 A green Smart City: from city planning to vertical gardens design**	Cinzia Bellone M.Cristina Musacchio
10.15	Design session	
12.15		
13.15	Lunch Break	

14.15	Final Design session	All
15.15		
16.15		

VISITING Professor

- **Cinzia Bellone** Associate Professor, PhD.,Università degli studi G. Marconi, Roma
- **Bill Butteworth** - Landscape Architect, London UK
- **Paolo Doninelli** - Landscape Architect and Agronomist
- **Roberto Giordano** – Associate Professor, PhD,Director of Bachelor of Science in Architecture Politecnico di Torino
- **Biagio Guccione** Associate Professor,Università degli studi di Firenze
- **M.Cristina Musacchio** - Architect, Honorary Fellow at the university Roma 3
- **Paolo Palmulli** – Architect, AG&P General Manager.
- **Roberta Peverelli** – Architect, Responsible for Planning&Control of Peverelli Srl
- **Henrique Pessoa -** Landscape Architect and Professor Landscape Architecture at Politecnico di Milano, Scuola di AUIC, Polo Territoriale di Piacenza

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Lectures by Visiting Professor:

Gardens of Consciousnes
Bill Butteworth *Landscape Architect*
IKEA vertical garden
Paolo Doninelli - *Landscape Architect and Agronomist*
A novel vertical greenery module system for building envelopes
Roberto Giordano- *Associate Professor, PhD., Arch. Director of Bachelor of Science in Architecture Politecnico di Torino*
Pietro Porcinai
Biagio Guccione *Associate Professor Università di Firenze*
A green Smart City:from city planning to vertical gardens design
M.Cristina Musacchio- *Architect*
Cinzia Bellone- *Associate Professor, PhD.,Università degli studi G. Marconi, Roma*
Urban greenscape: turning grey into green
Paolo Palmulli – *Architect, AG&P General Manager.*
Palazzo Lombardia. Roof Garden
Roberta Peverelli – *Architect, Responsible for Planning&Control of Peverelli Srl*
Roberto Burle Marx
Henrique Pessoa - *Landscape Architect and Professor Landscape Architecture at Politecnico di Milano, Scuola di AUIC, Polo Territoriale di Piacenza.*

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