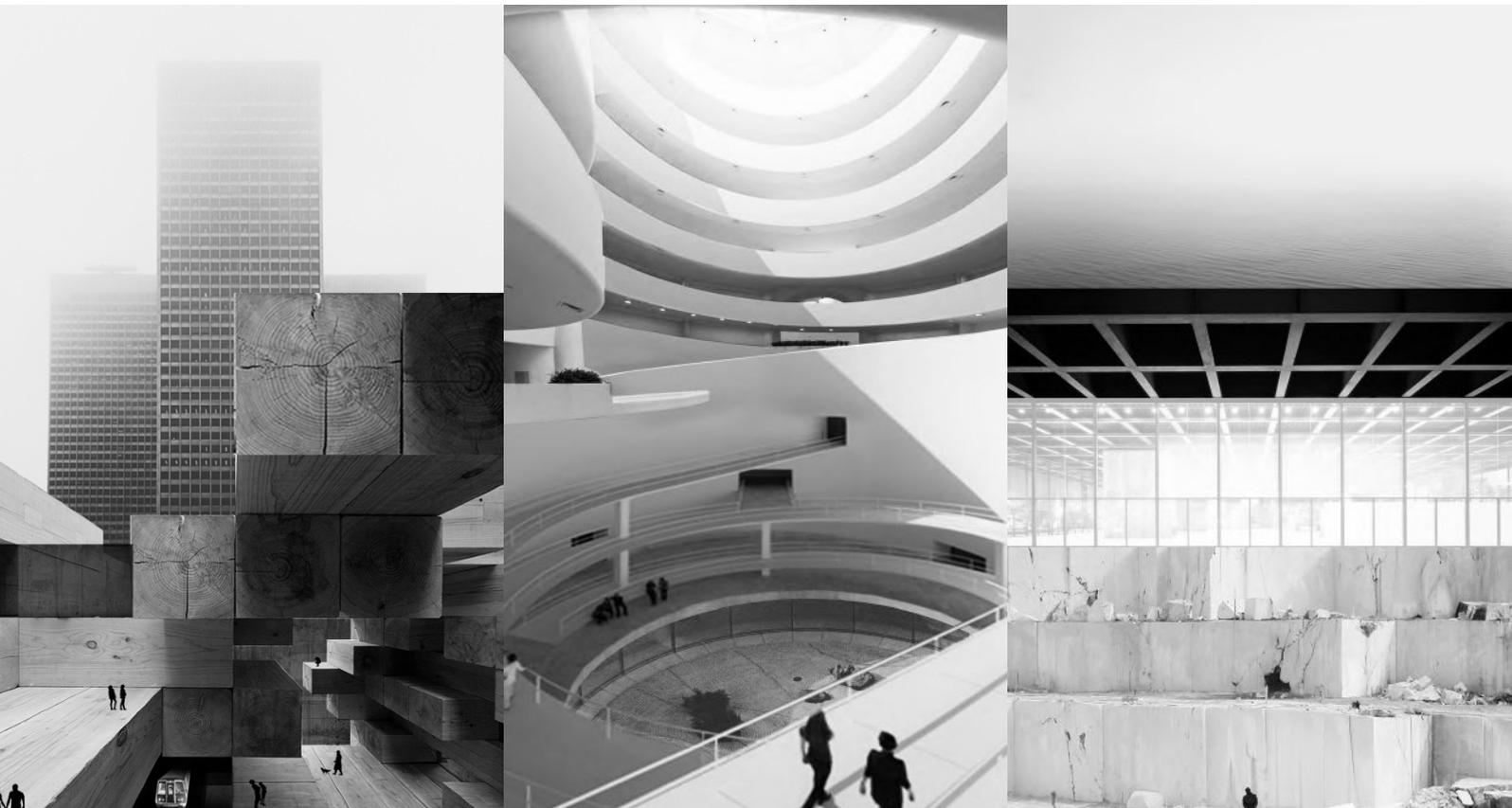


present

LANDSCAPE ARCHITECTURE LAB

CARPARK FUTURES : OPPORTUNITIES IN THE UNDERGROUND



COURSE SESSION STARTS NOVEMBER 1, 2021

PRESS KIT

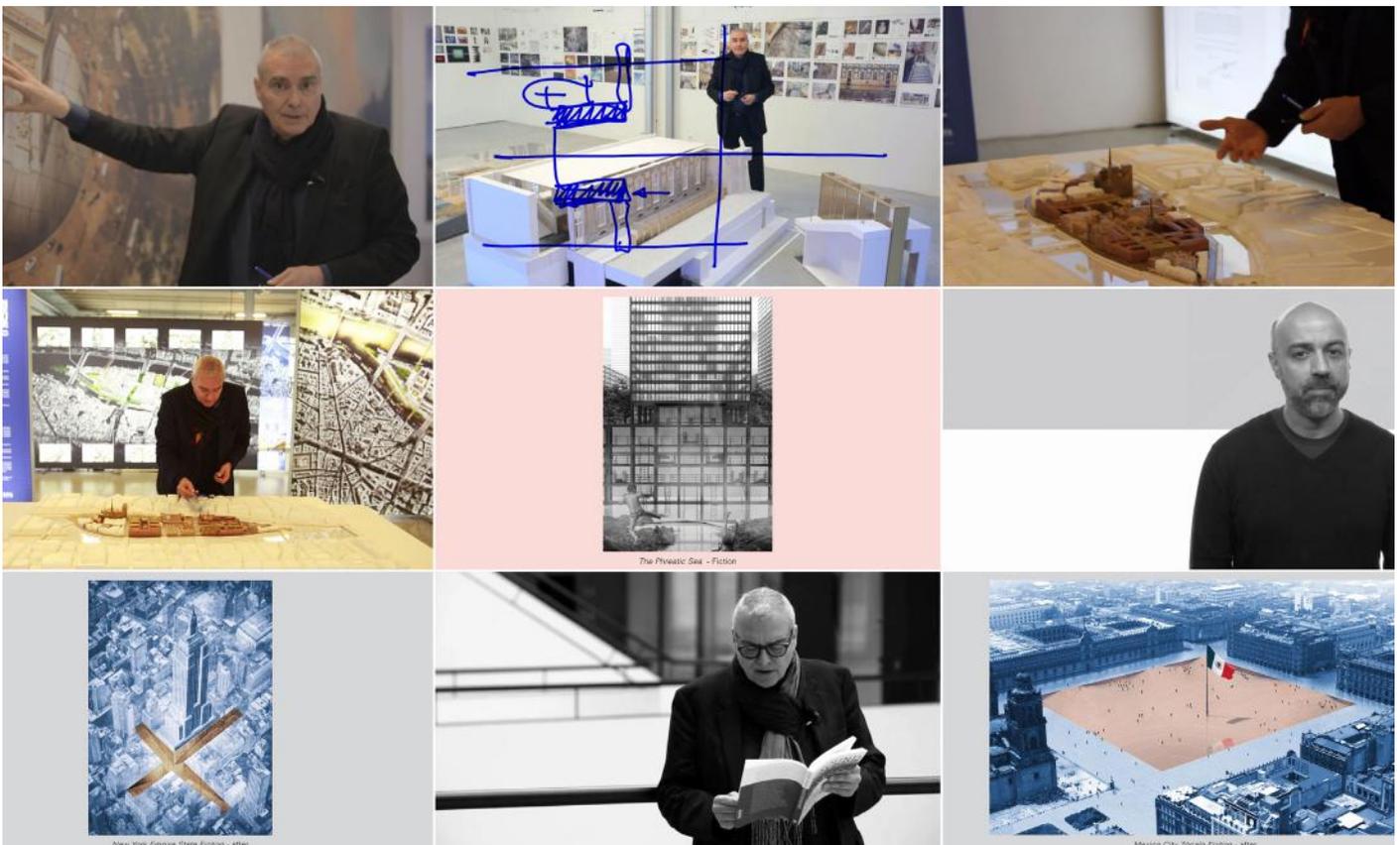
DPA
6, rue Bouvier 75011 Paris
www.perraultarchitecture.com
+33 (0) 1 44 06 00 00

DPA Press contact
Sophie-Charlotte Holmlund
scholmlund@perraultarchitecture.com

ONLINE PROJECT COURSE ON ARCHITECTURE- edX "GRONDSCAPE ARCHITECTURE LAB, CARPARK FUTURES : OPPORTUNITIES IN THE UNDERGROUND"

The **Ecole Polytechnique Fédérale de Lausanne** and **Dominique Perrault** in collaboration with **Indigo Group**, world leader in parking solutions, present a fourth edition of their MOOC (massive open online course) on Groundscape Architecture, specially dedicated to underground parking lots.

This architecture project course is intended not only for architects, urban planners, landscapers, students, but also for anyone interested in one way or another in the development of cities and the territory. With free follow-up and a diploma subject to fees, this course will be available by registration from **November 1, 2021**, on the **edX teaching platform**. This course includes six weeks of theoretical and practical instruction and will run for at least six months until June 2022. In parallel to this course, Dominique Perrault Architecture and Indigo Group plan to **launch a Carpark Futures competition for young architecture graduates**. The Final Jury of the MOOC and the Competition will be held around **June 2022**.



A course on Groundscape architecture

A new field of research for architects, designers and urban planners, this new form of architecture explores the spatial potentialities located under the surface of our cities. It offers a different way of exploring the soil by providing a resilient, responsible, aesthetic and sustainable response to the many current urban challenges. The reflections and experiments related to this new field of study have been conducted for several years in the Sublab, an academic think tank and multidisciplinary research platform founded in 2013 by Dominique Perrault at the Ecole Polytechnique Fédérale de Lausanne (EPFL).

This course will provide each student with the fundamental skills necessary to design an underground architectural project. It will offer a discovery of the underground territory, in order to reverse the negative perception that is associated with it, will allow students to become familiar with the urban strategies, design tools and basic construction processes necessary for the creation of spaces underground.

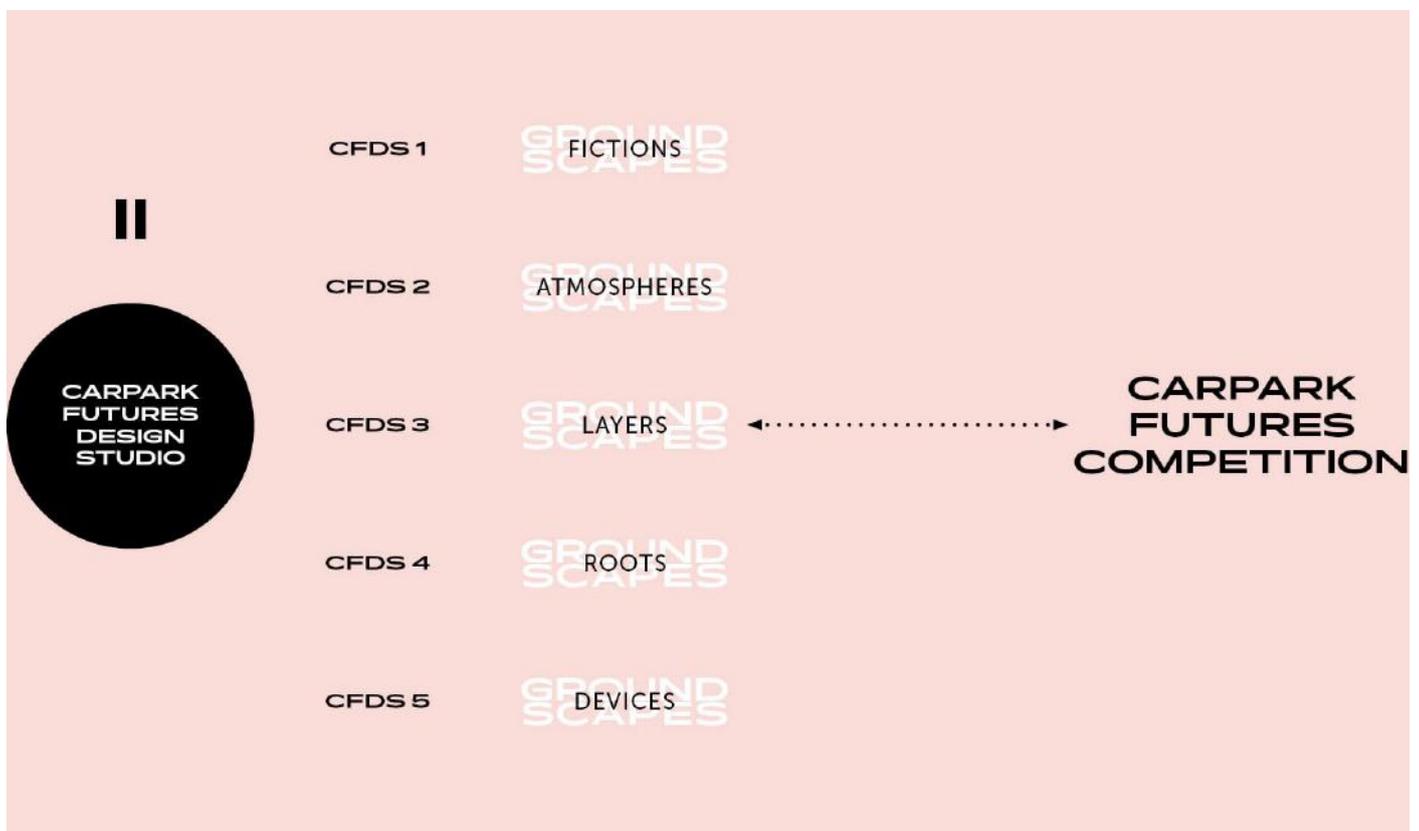
ENROLL NOW

COURSE SESSION STARTS NOVEMBER 1, 2021

A Carpark Futures special edition

This 2021 edition of the course will invite candidates to focus specifically on the urgent question of underground parking lots, which are at the heart of the current transformation of mobility, logistics and energy. It will teach students a variety of architectural strategies that can be applied to the transformation of new and existing parking infrastructures. This edition of the MOOC Groundscape is done in collaboration with Indigo Group, as a continuation of their work with DPA in the framework of the Carpark Futures study, published in 2020.

Students will be invited to develop specific projects on the **Euralille** site in France. This major European intermodal hub, built in the 1980s-1990s following Rem Koolhaas' masterplan, is representative of mobility as it was conceived at the end of the 20th century. Monumental parking lots are located in the first basements of each of the buildings on the site and Euralille presents itself as a particularly field of reflection for imagining the future of underground parking.



A course structured around 5 episodes:

The Groundscape Architecture Design Lab is structured along a series of 5 episodes divided into different Acts, including keystone Expertise visits, diverse Experiences, and Groundscape Talk lectures. In parallel to the talks and visits candidates will participate in the Carpark Futures Design Studio, a design oriented studio where they will develop their own personal Groundscape project.

It offers a set of theoretical lectures, illustrated with several hundred constructed or utopian references. Thanks to the support of Indigo Group, registered students will benefit from **live feedback and monthly presentations** by professors Ignacio Ferrer, professor of the MOOC Groundscape for 4 years, and Octave Perrault, director of the Carpark Futures study at DPA-X, as well as other guests.

THE TEACHERS

Dominique Perrault, Praemium Imperiale award winner (Japan), the French architect and urban planner, Dominique Perrault is a professor and director of the Underground Architecture Laboratory (SUB) at the Ecole Polytechnique Fédérale de Lausanne in Switzerland. He is also the founder of DPAX, a multidisciplinary research platform exploring architecture from a wider perspective, and DPA Lab, a laboratory of research and innovation developing processes that reinvent the vocabulary of architecture. Along with the Bibliothèque Nationale de France, his main projects to date include the Olympic Velodrome and Swimming Pool in Berlin, the extension of the Court of Justice of the European Union in Luxembourg, the Olympic Tennis Stadium in Madrid, the Ewha Womans University in Seoul and the Fukoku Tower in Osaka. In recent years, Dominique Perrault inaugurated the tallest tower of Austria in Vienna, the DC Tower 1, and led various heritage rehabilitation projects, including the new public entry pavilion for the Château de Versailles and the repurposing of La Poste du Louvre in Paris. Current studies and urban research projects include the Olympic Village – Paris 2024 and the “Mission Ile de la Cité,” an urban study commissioned by the president of the French Republic that reflects upon the future of the thriving, historical center of Paris from now until 2040.

Ignacio Ferrer Rizzo

Architect graduated from ETSAM, Technical University of Architecture Madrid, he also attended EPFL as a student during an exchange program. Ignacio Ferrer Rizzo has been a collaborator since 2014 in Dominique Perrault’s Geneva office. As a professor-researcher, in 2016 he joined the SubLab, Laboratory of Underground Architecture at EPFL.

Octave Perrault

Architect, he directed the project ‘Carpark Futures’ within DPA-X, the R&D department of Dominique Perrault Architecture. Besides DPA-X, his work has been shown in various international art and architecture institutions, mainly with the curatorial project Cruising Pavilion and the art collective åyr. His writings have appeared in several international publications including Yale Perspecta, Harvard Design Magazine, and Vogue L’Uomo.

IN COLLABORATION WITH



INDIGO GROUP A world leader in parking and individual mobility, serving Smart Cities of tomorrow. The Group’s activities bring together several businesses: off-street car parks and associated services, on-street car parking, individual mobility, digital and associated services.

Indigo builds, finances and operates personalised and ever smarter parking solutions in more than 5,500 locations in over 750 cities and 11 countries.

Since 2019, Indigo Group and Dominique Perrault have been working on the Carpark futures, a new vision of structures and their integration into the city of tomorrow.

More information on : <https://www.group-indigo.com/>



SUBLAB - Laboratory of underground architecture

Founded by Dominique Perrault in 2013 at the Ecole Polytechnique Fédérale de Lausanne (EPFL), le SubLab is a group of academic reflexion and a platform of multidisciplinary research dedicated to the investigation of the underside of our cities.

The Sublab explores an architecture that penetrates the territory, which calls into question visibility, demonstrativity or salience in favor of a more telluric architecture. Geography, the specificities of the territories, their topography, the remarkable or non-existent elements that compose them are explored as the material of architecture.

Today, basements host above all o technical and logistical architecture, buried to be concealed. The SubLab wants to overcome this underexploitation and the unflattering terminology associated with it. While environmental issues and the urban question require architects to expand their fields of research, it is a question of finding new ways of occupyngs the territory in depth.

More informations on: <http://sub.epfl.ch>



EPFLX, online course of the Federal Institute of Technology Lausanne. Many free and open-access courses are now offered by EPFL via the edX platform, on a wide variety of topics, and students can choose to receive a verified certificate for a small fee. The main campus of EPFL brings together 12.600 students, professors, researchers and collaborators in a dynamic learning and research environment.

Over the last decade, EPFL has reached the top of the European scientific and technological institutions: it is ranked #1 in Europe in the field of engineering by the Times Higher Education (publications and citations); Leiden Rankings and Academic Ranking of World Univerisites.

More informations on: <https://www.edx.org/school/epflx>



edX is a non-profit online learning platform, founded by the Massachusetts Institute of Technology (MIT) and Harvard Univeristy in May 2012. It hosts and provides free online courses, or MOOC (massive open online course) at university level, all over the world. She also conducts research on e-learning.

In 2014, approximately 50 schools, associations and international organizations, including the University of Berkeley, Oxford University, The Sorbonne in Paris and McGill University in Montreal, offer or plan to offer courses on edX. As of July 2014, edX had more than 2.5 milion users following more than 200 online courses.

More informations on: <https://www.edx.org>

ONLINE REGISTRATION ON WWW.EDX.ORG