

Higher Education Dialogue with the Muslim World Common Project

German Academic Exchange Service (DAAD), benefitting from the budget of Federal Foreign Office (AA), aids the 'Higher Education with the Muslim World' program. This program supports the improvement in the relationship between German and Islamic universities, and encourages scientific communications between young university students. The main objectives of this program include cultural communications amongst the Muslim world through scientific cooperation, establishing contacts for teaching and research purposes, strategic support for young university students with the assurance of gender equality, creating educational-research networks, assisting social development, forming scientific societies, etc. The proposed projects within this program need to be beyond subject-oriented cooperation in order to increase interactions between those involved in it, and to enhance the conception of historical, cultural and religious identities of all sides. Therefore it is so important to support students and local university exchanges, and to create societies to have discussions about topics other than university cooperation.

The Spatial Planning Department of Technical University of Dortmund in cooperation with Daneshpajooan Pishro Higher Education Institute has defined a common project with a 3-year time horizon, and had it delivered to DAAD to be funded. Daneshpajooan Institute, identified as the center for this project in Iran, invites Iranian institutes, universities, and research centers for cooperation. This project has been defined in three phases and in the format of workshops, seminars and short courses in the two universities.

Cooperation with Pavillon de l'Arsenal

Pavillon de l'Arsenal center is the Paris center for architecture and urban planning and museum. Current activities of this gallery consist of exhibitions, publishing books about Parisians daily lives, and creating societies for authorities and people involved in urban planning of Paris. Its permanent gallery (800 square meters) shows the architecture, formation and development of Paris. In addition, temporary exhibitions on topics such as housing in Paris, Haussmann's renovation of Paris and personal houses, 2012 Paris projects, and other aspects of French and international architecture are held there too.



Pavillon de l'Arsenal, Paris

In order to increase and enhance its international connections and communications, Daneshpajooan Pishro Higher Education Institute has commenced its cooperation with Pavillon de l'Arsenal, Paris. Within this cooperation and according to the contract signed by the two centers, the book series of “*Methods for Creating a Different World*” from Richard Scoffier’s point of view will be presented, which has an approach to analyze the notable contemporary works and architects. In this series, data collection has been based upon the viewpoints of Richard Scoffier and his books, especially “*The Four Fundamental Concepts of Contemporary Architecture*” and his articles in “*D’architectures*”, the most significant journal of architecture in France, in addition to his teachings at ‘*ENSAV*’ (École nationale supérieure d’architecture de Versailles). This cooperation began in the summer of 2017 by publishing the first book in the series which analyzes the works of the notable architect, Frank Grey.



Unveiling of the first book of “Methods for creating a different world” series

The first workshop of digital architecture in cooperation with IAAC, Spain, 2016

In order to increase the international scientific activities of Daneshpajooan Pishro Higher Education Institute, the 7-day workshop of *Digital Architecture* was held in cooperation with IAAC (Institute for Advanced Architecture of Catalonia) in the summer of 2016. IAAC is a center for research, education, production and development, and has begun its activities planning to anticipate the future habitation a society. Consequent to the digital revolution in all scales, IAAC

is on a quest to expand the borders of architecture and design, through facing human challenges of mankind; to do so, it has established a center for education by experimenting various methods to reach creative approaches.

The purpose of this workshop is to become acquainted with the parametric and algorithmic thinking in the procedure of architectural design, and applications of techniques of modeling complicated forms. During this course, the participants attempt to explore a number of design strategies including iterative development, fractal geometry, etc. through parametric designing via 'Grasshopper 3D' software and 'Kangaroo' plugin. The particular focus of this course is on methods able to have the maximum effectiveness on 3D geometry and creating unexpected structures. Within these processes, participants learn the simplest methods to turn the codes studied by special software into physical samples, in form of complicated digital structures; and finally create their intended structures through cutting the parts manufactured by the advanced laser cutting machines.

