Structural Innovation and the Stakes of Heritage: The Bellini-Ricciotti Louvre Dpt of Islamic Arts
Denis Bocquet

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Francois Hollande officially opened the new department of Islamic Arts, of which the Louvre has one of the largest collections in the world.

Espaciosa y bien diseñada, esta nueva colección representa un importante paso hacia el reconocimiento y la valoración de la diversidad cultural islámica. El nuevo departamento de Arte Islámico se integra de manera significativa en el complejo existente en el Louvre, creando una nueva dimensión y un nuevo contexto para la exposición de obras de arte islámicas.

President François Hollande officially opened the new department of Islamic Arts, of which the Louvre has one of the largest collections in the world.

More than 20 years after the pyramid built by Ieoh Ming Pei in the Napoleon courtyard of the Louvre, which had been initiated in 2002 under President Jacques Chirac and, after an international competition in which Zaha Hadid, Himmelblau & Francis Soler took part, French designer and architect Mario Bellini (with Giovanni Bondi) and French Architect Rudy Ricciotti (with Gérard Le Goff) created a new structure of almost 3000 square meters of new exhibition spaces were created, which

It is situated in the Denon wing of the Museum and underlines its Vissconti courtyard. The project had been initiated in 2002 under President Jacques Chirac and, after an international competition in which Zaha Hadid, Himmelblau & Francis Soler took part, Italian designer and architect Mario Bellini (with Giovanni Bondi) and French Architect Rudy Ricciotti (with Gérard Le Goff) created an integration of the new structure in the middle of the existing buildings, all of high historical relevance and protected by heritage laws. With this new project, almost 3000 square meters of new exhibition spaces were created, which

The 48x32m structure of the undulating roof was conceived through computerised modelling, the thickness of the veil being calculated according to the specific structural needs of each part. It is made of 2550 isosceles triangles of 5.2m x5.2m, assembled together thanks to the technique of jet grouting, with the use of pressures up to 400 bars in order to densify and amalgamate the soil.

The internal dome is completed by a series of 45 partial compositions of triangles of 1,2m of side, assembled together thanks to the technique of jet grouting, with the use of pressures up to 400 bars in order to densify and amalgamate the soil.

The challenge is now to know whether the Bellini-Ricciotti veil will acquire the status of classic icon for the technical feat or for the visual effect than for the technique of jet grouting, with the use of pressures up to 400 bars in order to densify and amalgamate the soil.

The structure, which was defined as a golden cloud, will acquire the status of classic icon for the technical feat or for the visual effect than for the technique of jet grouting, with the use of pressures up to 400 bars in order to densify and amalgamate the soil. The Bellini-Ricciotti veil will acquire the status of classic icon for the technical feat or for the visual effect than for the technique of jet grouting, with the use of pressures up to 400 bars in order to densify and amalgamate the soil.

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Фрагмент волнообразной крыши с радужной золотистой оболочкой

Детали волнообразной крыши

Объект / object
Отдел исламского искусства Музея Лувр / Department of Islamic Arts at Musée du Louvre

Адрес / location
Лувр, 75001 Париж, Франция / Musée du Louvre, 75001 Paris, France

Авторы проекта / architects
Марио Беллини Аркитектс, Руди Риччотти / Mario Bellini Architects and Rudy Ricciotti

Проектная группа / project team
Марио Беллини, Джованна Бонфанти, Раффаэле Чиполлетта, Руди Риччотти, Жерар Ле Гофф, Эди Гаффулли, Еле де Лука, Сириль Эммануэль Иссаншу, Лиа Сильва / Mario Bellini, Giovanna Bonfanti, Raffaele Cipolletta, Rudy Ricciotti, Gerard Le Goff, Edy Gaffulli, Egle de Luca, Cyril Emmanuel Issanchou, Lia Silva

Художник / artist
Рей Наито / Rei Naito

Заказчик / client
Музей Лувр / Musée du Louvre

Строительные работы / structure
BERIM

Техническое строительство / civil engineering
HDA

Освещение / lighting
L’OBSERVATOIRE

Общая площадь здания / gross floor area
4.610 m²

Окончание строительства / completion
2012

Бюджет / budget
€ 37 000 000

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mario bellini et rudy ricciotti
department of islamic arts at musée du louvre. paris

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The assembling of the veil in the Visconti courtyard.

Construction snapshots:
- 2008
- 2010
- 12.02.2011
- 03.04.2011
- 24.08.2011
- 25.11.2011

Longitudinal section

Cross section

Axonometry
Undulated roof with the iridescent and golden skin
15–17 Экспозиционные помещения Нового отдела Исламского искусства
Exposition spaces of the New Department of Islamic Arts
The veil is made of 2350 isosceles triangles of 1.2m of side.

Internal concrete stair connecting two exposition floors.