

# designboom®

中文版

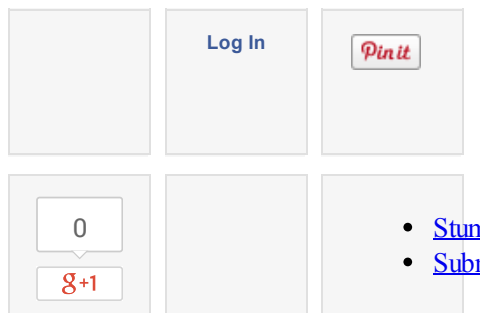


original

jun 11, 2014



## LAD manipulates rays of light in olgiata sporting club



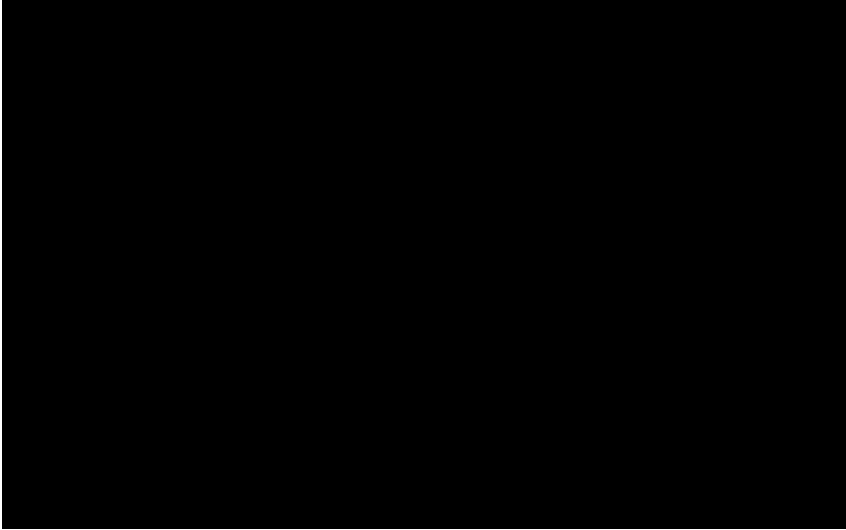
LAD manipulates rays of light in olgiata sporting club

photo © [cornelia suhan](#)

all images courtesy of LAD

'the olgiata sporting club' by [LAD](#) is located inside the woods of a garden city at the border of rome, italy. the building is made up of three different pavilions connected to one another. from the center, visitors can access administrative functions by going through the main entrance that leads to a staircase. from here, circulation provides them with the option of continuing to the locker rooms on the lower level or heading to programs that occupy opposite sides of the complex. the south contains gyms and multipurpose rooms, while the north houses swimming pools and spin bikes. outdoor spaces are accommodated by football fields, tennis courts and a beach-volley court. produced by holzbau in italy, a series of boomerang-shaped, glulam beams unifies the design as they are consistently placed throughout the sporting club. used above the

swimming pool, gym, and other large interior spaces, the system hangs from a zinc-titanium roof that has the ability to adjust rays of sunlight to the needs of the inhabitants playing in areas below.



video courtesy of LAD



the pool from the exterior with the roof sloping down towards the ground

photo © cornelia suhan



the sporting club at night  
photo © cornelia suhan



an external corridor provides circulation along the facade of the  
design  
photo © cornelia suhan





the entire roof utilizes zinc-titanium produced by rheinzink  
photo © cornelia suhan



glulam beams help support the structure  
photo © cornelia suhan





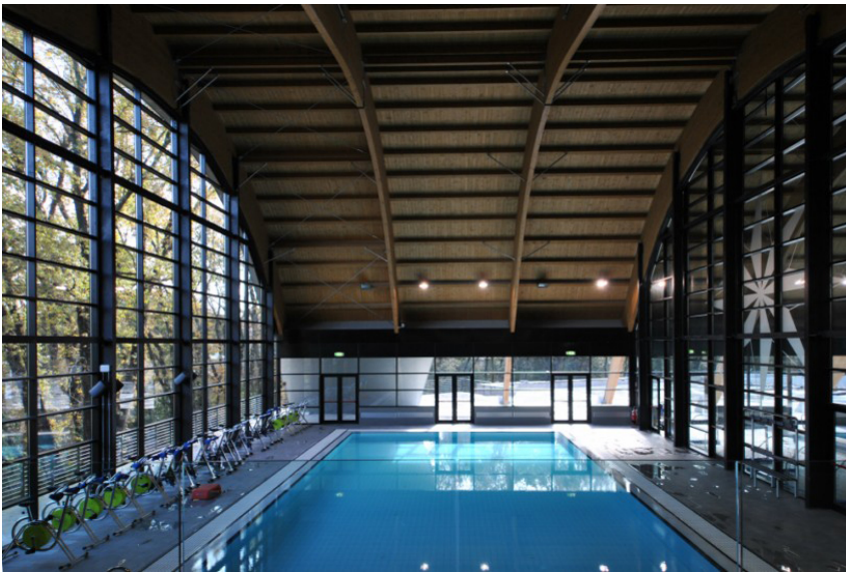
louvers are used throughout the design to control light for the interior spaces

photo © cornelia suhan



a close-up of the swimming pool pavilion

photo © cornelia suhan



interior of the pool pavilion

photo © francesco napolitano



spin bikes line the space of the pool  
photo © francesco napolitano



louvers above are organized perpendicularly to the swimming lanes  
photo © francesco napolitano



interior view of an multipurpose space  
photo © francesco napolitano

project info:

architect: francesco napolitano  
interior design: simone lanaro  
type: sports center – new buildings  
location: via conti, rome, italy  
program: 7.5 m<sup>2</sup> indoor gyms + 80000 m<sup>2</sup> outdoor  
design date: 2007  
completion date: 2010  
civil engineers: teico  
wooden structures: holzbau spa  
roof: rheinzink  
client: olgiata verde s.r.l.  
design team: michelangelo sabuzi giuliani, maria carla lini, marcello  
amalfitano

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**F. Napolitano**