

**LERA+ | Laboratory for Engineering Research and Automation
presents @ Responsive Surfaces conference #R3S:**

Who is LERA+?

Computational Design in Structural Engineering

Evolutionary solver and FEA (Finite Element Analysis) as a way of optimizing structures

Ad Hoc Software Development to speed up internal workflow and design processes

Presenter: Alfonso Oliva, Computational Design Engineer

Location: Sapienza Università di Roma, Rome, Italy

Date: September 14th 2015

RESPONSIVE SURFACES – Summer School Contents

The summer school aims to provide participants with the theoretical and instrumental skills necessary to deal with the design and construction of responsive surfaces.

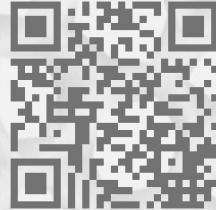
The theoretical principles relate geometrical aspects, kinematic and interaction with forms.

Instrumental skills consist in the ability to work with software and actuation devices, to experience - with the small-scale of physical models - the creation of responsive surfaces.

The course consists of a series of lectures (lectures), practice exercises (fablab), modelling, interaction and surfaces design (design lab).

LERA

Leslie E. Robertson Associates



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