

EXHIBITION » FRIDAY 24 JULY - SUNDAY 9 AUGUST

# SMART FLEXIBILITY: ADVANCED MATERIALS AND TECHNOLOGIES



Pixel Skin, Image courtesy of Orangevoid

**EXHIBITION » SMART FLEXIBILITY: ADVANCED MATERIALS AND TECHNOLOGIES** PROJECT ROOMS 1 & 2, LEVEL 2, DESIGN HUB

**OPENING CELEBRATION » THURSDAY 23 JULY, 6 - 8PM** PROJECT ROOMS 1 & 2, LEVEL 2, DESIGN HUB

From Materfad, Barcelona's materials centre, RMIT's Design Research Institute brings *Smart Flexibility: Advanced Materials and Technologies*, an international touring exhibition to Design Hub.

Can a system achieve intelligence by combining the control of a flexible structure with the properties of an active material? The answer is 'Yes', and you will discover it at *Smart Flexibility*. The exhibition presents international projects developed by universities and firms from nine different countries with three projects from some of RMIT's design research leaders.

The exhibition seeks to explore the current capabilities provided by structures and materials designed to raise awareness and adapt architecture to its environment.

Situated on the borderline between matter and structure, the exhibition investigates the flexibility and intrinsic reactivity of specific materials and advanced technologies.

These contemporary works and projects involving materials, sensitive systems and articulated supports enable us to imagine the functionalities an intelligent and flexible architecture may provide.

The harvesting of wind and solar power, electrical and thermal energy generation, perception and adaptation to climatic conditions, to acoustics and lighting environment, user detection and modification of spaces through movement or even emotion, are the challenges of tomorrow's spaces and are the drivers of the exhibition.

Materfad Curators: Valérie Bergeron and Javier Peña

Please note changes to opening hours during *Smart Flexibility*:

Tuesday – Friday 11am – 6pm  
Saturday 12 – 5pm\*  
Closed Sunday\* and Monday

\*Open Saturday 25 & Sunday 26 July, 10am – 4pm (Melbourne Open House)  
Sunday 9 August, 10am – 4pm (RMIT Open Day)

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