

# PARAMETRIC MODULATIONS COMPUTATIONAL DESIGN WORKSHOP 15 16 17 JANUARY 2020 LONDON, UK



Parametric Design, in the history of architecture, has defined many rules for current designers and for future practitioners to follow. One of the strongest aspects that are prominent from this style is 'geometry'. Arguably, there is nothing new about geometry and aesthetics forming the most prominent aspect of any style or era. The language of any style, in the long history of architecture, is visually defined by geometry or shape, beyond the principles that define the core of the style. In the distinguishable style of parametric architecture, geometry has played, and is continuing to play an integral role. And with this fairly young style, there are many strings of myths and false notions associated.

The workshop aims to provide a detailed insight to 'parametric design' and embedded logics behind it through a series of design explorations using Rhinoceros & Grasshopper platforms, along with understanding of data-driven design strategies. An insight to Computational Design and its subsets of Parametric Design, Algorithmic Design, Generative Design and Evolutionary Design will be provided through presentations, technical sessions & studio work. Studio work will be focusing on modulation of geometry and iterative form using Parametric Design methods that will lead to explorations of spatial geometries that can be articulated as architectural constructs or abstract artistic interventions.

## REGISTRATIONS ARE OPEN

[www.materialdriven.com/parametricmodulations-ratlab-london](http://www.materialdriven.com/parametricmodulations-ratlab-london)

[www.rat-lab.org/gvslondon2020](http://www.rat-lab.org/gvslondon2020)

ORGANIZED BY

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PARAMETRIC ARCHITECTURE

[www.parametric-architecture.com](http://www.parametric-architecture.com)



[www.rhino3d.com](http://www.rhino3d.com)

[www.grasshopper3d.com](http://www.grasshopper3d.com)

STUDIO COLLABORATOR

**rat[LAB]**  
RESEARCH IN ARCHITECTURE & TECHNOLOGY

[www.rat-lab.org](http://www.rat-lab.org)

### //PARTICIPATION FEE

**A- Student Category : £ 295**

**Early-bird: £ 236 (20% fee waiver)**

(Currently enrolled in a B.Arch. / BA / B.Sc. or equivalent undergraduate programmes)

**B- Academics / Post-graduate students /PhD Researchers : £ 345**

**Early-bird: £ 276 (20% fee waiver)**

(Currently enrolled in a M.Arch. / MA / M.Sc. or equivalent postgraduate programmes)

**C- Professionals / Graduates: £ 395**

**Early-bird: £ 316 (20% fee waiver)**

(Currently working / practicing architecture or similar profession)

**\*GROUP DISCOUNTS available on request. Contact organizers for queries.**

### //REGISTRATION DATES

Early-bird Registrations Open: 07th Nov 2019

Early-bird registrations End: **2330 hrs GMT, 30th Nov 2019**

**[Limited spots for early-bird]**

General Registrations End: 2330 hrs GMT, 31st Dec 2019

[Registration will close earlier if all spots are filled up]

*\*All registrants during early-bird period will receive an online course preparation tool-kit and access to video tutorial to prepare for the workshop in advance. An early registration is advisable to block your spot & prepare well for the workshop.*

### //VENUE

Anglo Educational Service (The Montague Room)

45 Russell Square, Holborn, London WC1B 4JP, United Kingdom

### //TUTORS & SPEAKERS

Sushant Verma (Co-founder rat[LAB] Studio) - STUDIO LEAD

Adele Orcajada (Co-founder MaterialDriven) - TALK SESSION

*\*Guest Speakers to be announced on website soon.*

MEDIA PARTNERS

SOFTWARE SUPPORT