

CREATIVE COMPUTING WORKSHOP

11 – 22 JULY, 2011. FACULTY OF ARCHITECTURE, BUILDING AND PLANNING,
UNIVERSITY OF MELBOURNE

FRIDAY 8 JULY, 10 – 1 PM RM 324 – RHINO INTRODUCTION

The workshop will be preceded by an optional one-session introduction to computational geometry and modelling techniques (Rhino) on Friday 8 July 10am – 1pm. This introduction is optional, will be targeted at complete beginners and invoke a separate fee of \$30. Students will be requested to watch Lynda Rhino tutorials before commencement of workshop if they are not familiar with Rhino.

MONDAY 11 JULY - FOUNDATION

All students will initially be introduced to concepts and processes of visual programming and scripting in Grasshopper + RhinoScript and MAX/MSP/Jitter + Processing. Intensive, 2 days, 9.00-17.00.

10:00 – 11:30 (Design Hall, Baldwin Spencer Building) - Initial introduction lecture/presentation

Students are introduced to

- The basic concepts of computation
- The three platforms that are to be taught at the workshop, what they can be used for and how they can be used in conjunction with each other.

11:30 – 1:00 – Kent Larson Guest Lecture Guest lecture

- Kent Larson directs the Changing Places research group at the MIT Media Lab.
- He is also director of the MIT House_n Research Consortium and the MIT Living Labs initiative in the School of Architecture and Planning.

1:00 – 2:00 – Lunch Break

2:00 – 5:00 – Intro Studio 1 - GRASSHOPPER (RM 324)

TUESDAY 12 - FOUNDATION

10:00 – 1:00 – Intro Studio 2 PROCESSING (RM 324)

1:00 – 2:00 – Lunch Break

2:00 – 5:00 – Intro Studio 3 – MAX MSP (RM 324)

After completing the foundation, the students will split into two streams.

WEDNESDAY 13 - STREAMS

10:00 – 1:00 – Stream 1: GRASSHOPPER AND VB SCRIPT (RM 324)

1:00 – 2:00 – Lunch Break

2:00 – 5:00 – Stream 2: PROCESSING & MAX MSP (Design Hall, Baldwin Spencer)

THURSDAY 14 – NO STUDIOS

FRIDAY 15 - STREAMS

10:00 – 1:00 – Stream 1: GRASSHOPPER AND VB SCRIPT (RM 324)

1:00 – 2:00 – Lunch Break

2:00 – 5:00 – Stream 2: PROCESSING & MAX MSP (Design Hall, Baldwin Spencer)

SATURDAY 16 – NO STUDIOS

(Fabrication – if needed)

SUNDAY 17 – NO STUDIOS

(Fabrication – if needed)

MONDAY 18 - STREAMS

10:00 – 1:00 – Stream 1: GRASSHOPPER AND VB SCRIPT (RM 324)

1:00 – 2:00 – Lunch Break

2:00 – 5:00 – Stream 2: PROCESSING & MAX MSP (Design Hall, Baldwin Spencer)

TUESDAY 19 – NO STUDIOS

WEDNESDAY 20 - STREAMS

10:00 – 1:00 – Stream 1: GRASSHOPPER AND VB SCRIPT (RM 324)

1:00 – 2:00 – Lunch Break

2:00 – 5:00 – Stream 2: PROCESSING & MAX MSP (Design Hall, Baldwin Spencer)

THURSDAY 21 – NO STUDIOS

FRIDAY 22 - STREAMS

10:00 – 1:00 – Stream 1: GRASSHOPPER AND VB SCRIPT (RM 324)

1:00 – 2:00 – Lunch Break

2:00 – 5:00 – Stream 2: PROCESSING & MAX MSP (Design Hall, Baldwin Spencer)