PROGRAM DRAFT 11.12.15

Schedulingผู้ซึ่งมีการตั้งขึ้นอย่างเป็นทางการ

MBF WORKSHOP - ยกย่องการจัดการการศึกษาด้านการแพทย์

MONDAY, MARCH 14TH - Pier 2 & 3

10:00am - 5:00pm  INDUSTRY WORKSHOP

ROBOLAB / Wikibot / RMIT / University of Sydney

Tuesday, March 15th - Pier 2 & 3

10:00am - 10:45am  WORKSHOPS

Suggested Meeting Point: Opera Bar  Details coming soon

Wednesday, March 16th - Pier 2 & 3

10:00am - 10:45am  WORKSHOPS

Suggested Meeting Point: xls  Details coming soon

Thursday, March 17th - Pier 2 & 3

6:00pm - 10:00pm  WORKSHOPS

To book for Monday’s Special Event listing under Schedule page on this website.

Friday, March 18th - Pier 2 & 3

8:00am - 9:00am  REGISTRATION / COFFEE

09:00 - 9:15 am  WELCOME DAY 1 FROM CHAIRS

Dipak Shrestha, Paul Saunders, Mark Burry and Maria Nematollahi

University of Sydney and RMIT

09:15 - 10:00 am  FULL PAPERS

Mark Burry

University of Melbourne

Robots at the Segunda Familia Basica

10:00am - 10:30 am  COFFEE

11:00 - 11:45 am  SESSION 2. PROJECT PAPERS

Rune Li, Dongshan Yin, Junle Park and Hyunguk. Ahn

Jiao University and RMIT Architecture

Robotic Based Prefabrication in Architecture - Precast Fabrication of the Shanghai Tower Roof Trusses

Nicholas Williams and John Cherry

RMIT University

Crafting Robustness: Rapidly Fabricating Panelled Surface Acoustic Walls

Simon West, Gao, Moustafa and Shahriar Ferando

University of Sydney

Interiority of House-Related Blocks: Toward a House-Inspired Stone Construction using Wire Cutter Toolpath Generation

Christopher Rehfelder and Pern Winkler

EPFL Lausanne

Fabrication-Aware Design of Timber Fairfield Stone Stools with Double-Thrust Tenons

Alexander Jung, Dagmar Reinhardt and Rod Watt

University of Sydney

RMIT Robolab: Complex Curved Geometries with Robotically Fabricated Jets

01:00pm - 02:00pm  LUNCH

Lunch provided & coffee clear activity

02:00pm - 02:30 pm  INDUSTRY KEYNOTE

Andrew Saunders and Greg Lips

University of Pennsylvania and RMIT Architecture

Robotic Laser Easing: A Method for Transposing Plastic Thistle Engraving Techniques through Robotic Curved Folding and Bending of Sheet Metal

Philip O. Yang, Hao Meng, Li Yu and Long Zhang

Tsinghua University, ArchVison Architects and Dalian University

Robotic Multi-Directional Printing Based on Structural Performance

Rui Cafer, Joseph Koifman and Jiali Kramer

USC

Fabric Form: Robotic Positioning of Fabric Formwork

03:00pm - 03:30 pm  COFFEE BREAK

03:30 - 05:15 pm  SESSION 3. FULL PAPERS

Mario Herman, Johannes Hejlsberg, Saurabh Akram, Jacques, Dylan Weiskopf, Alain Lieber, Galen Gluck, Rodney Watts, and Andrew Saunders

University of Sydney

Robotics: A Platform for Multi-Disciplinary Design Education

Roland Snoddy and Samwala John

RMIT University, Kabul, Studio Related

Snoddy and Flameless Collection: Cleverness: On the Relationship of Multi-Agent Algorithms and Robotic Fabrication

Kazuo Oka and Abeer Khan

ArtScience University

Developing Architectural Geometry through Robotic Assembly and Material Joining

Adjunct Sandilands, David Armit, Philip Gourvan, Luke Relph, Niculae Stan, Fabio Gramazio, and Matthias Kohler

Archischool of Architecture, Swiss Institute of Technology and ETH Zurich

Topology Optimization and Robotic Fabrication of Advanced Timber Space Frame Structures

05:30 - 6:00 pm  BEST PAPER AWARD

05:30 - 06:00 pm  OPENING OF EXHIBITION, RIBSE

Food trucks and/or desc at the end of Rand