[En]Coding Architecture 2013 Schedule  Feb 08 2013

Th, 07th February  Lecture venue: Giant Eagle Lecture Theater

Exhibition of selected projects in the Great Hall, College of Fine Arts, CMU

17:00  Fabrication + Provocation: Towards Critical Making
       Golan Levin, CMU, Frank Ratchye STUDIO for Creative Inquiry
       venue: McConomy Lecture Theater, University Building, CMU

19:00  The Future Architect as Entrepreneur
       workshop with Gill Wildman
       venue: MMCH 3rd Floor Hall

Fr, 08th February
Exhibition of selected projects, Great Hall, College of Fine Arts, CMU

10:00 – 12:00  Registration  Great Hall, College of Fine Arts

8:30 – 11:30  Workshops  registration necessary - meeting at 08:00 am in the Great Hall in CFA

'Introduction to Processing', Madeline Gannon  venue: Frank-Ratchye STUDIO for Creative Inquiry, CFA
'Robots in Architecture 01', Josh D. Bard, Jeremy Ficca  venue: dFabLab, MMCH

12:00 - 12:30  Welcome, Opening Remarks
                Steve R.Lee [Professor and Head, School of Architecture, Carnegie Mellon University]
                Liss C. Werner [George N.Pauly Jr. Fellow, Visiting Professor, Carnegie Mellon University]
                Krassi Krastev [Studio Master, DIA Dessau Institute of Architecture]

12:30 – 19:45  Lectures I Presentations
                venue: Giant Eagle Lecture Theatre (tbc)

12:30 – 14:35  Session 1 : The new Pathology of Architecture I Indulging Opulence I Flesh

12:30 – 12:35  Intro by chair Liss C. Werner, CMU, School of Architecture

12:35 – 13:20  PULSATION: Rhythmic Perception in Space
                Eric Goldemberg, FIU, MONAD Studio

13:20 – 13:50  Exploration and Fidelity in Material Computation’
                Evolutionary Means for the Articulation of Textile Morphologies
                Sean Ahlquist, Taubman College, ICD Stuttgart

13:50 – 14:00  Collateral Intricacy [Project]
                Fleet Hower, RPI

14:00 – 14:10  Spatializing the Social [Project]
                Andrea Rossi, Lila Panahikazemi, DIA, Dessau Institute of Architecture

14:10 – 14:35  Panel

14:35 – 15:00  Break
15:00 – 16:40 Session 2 : Interactions | Human Computer Interface | Behavior

15:00 – 15:05 Intro by chair Cameron Tonkinwise, CMU, School of Design

15:05 – 15:25 I, for one, welcome our new Panoptic Overlords
Nick Durrent, CoDeLab, Carnegie Mellon

15:25 – 15:35 FLOAT_Beijing [Project]
Deren Guler, Xiawei Wang, Harvard GSD, Carnegie Mellon University

15:35 – 15:45 Density & Openness revisited: Recoding Building Bulk in Hongkong [Project]
Ingeborg Rocker, Christian J. Lange, The University of Hongkong, Harvard GSD

15:45 – 15:55 Celebral Hut [Project]
Guvenc Ozel, Angewandte, Vienna

15:55 – 16:05 Beyond Function: New Paradigms in Robot Human Interaction
Illah R. Nourbakhsh, Josh D. Bard, CMU robotics, CMU architecture

16:05 – 16:25 The environment as a signal: The architect a a user
Panagiotis Michalatos, Harvard GSD

16:25 – 16:50 Panel

16:50 – 17:10 Break

17:10 – 19:50 Session 3: Computational Theory | Code and Tangible Desire

17:10 – 17:15 Intro by chair Eric Goldemberg, FIU, Monad Studio

17:15 – 17:45 The Nature of Code
Daniel Shiffman, NYU Tisch School of the Arts

17:55 – 18:05 Recursionism [Project]
Michael Jeffers, Jordan Parsons, Carnegie Mellon University

18:05 – 18:15 Reverberations Across the the Divide
Madeline Gannon, Carnegie Mellon School University

18:15 – 18:35 Bespoken Machines of Architecture
Wes Mcgee, Taubman College, University of Michigan

18:35 – 19:20 Desiring Machines
Neil Leach, University of Southern California

19:20 – 19:45 Panel

20:30 Conference Dinner [Registration necessary]
venue: Frank-Ratchye STUDIO for Creative Inquiry, CFA
Sat, 09th February
Lecture venue: Kresge Recital Hall, College of Fine Arts

Exhibition of selected projects, Great Hall, College of Fine Arts, CMU

8:00 – 12:00  Registration  Great Hall, College of Fine Arts

08:30 – 11:30  Workshops

‘Robots in Architecture 02’, Wes McGee  venue: tbc

12:00  Welcome
12:05 – 18:50  Lectures/ Debates / Panel Discussions
18:50 – 19:00  Closing Remarks

12:05 – 13:00  Session 4: Robotic Fabrication 01 | Prototyping

12:05 – 12:10  Intro by chair Jeremy Ficca, CMU, School of Architecture

12:10 – 12:30  Mill to Fit
Andreas Trummer, TU Graz

12:30 – 12:40  deferentialCONSTRUCTIONS: defining conditions for an architecture without control [Project]
Harold Sprague Solie, Mark Wright, Ning Zhou, Bennett Scorcia, Taubman College, University of Michigan

12:40 – 12:50  Apprenticeship and Mastery in Digital Craft:
A Transcending Synthesis of Old and New [Project]
Zack Jacobson-Weaver, CoDeLab, Carnegie Mellon University

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12:50 – 13:00  Breathing Break – Panel Discussion after part 02 of Robotic Fabrication

13:00 – 15:15  Session 5: Cognitive Parametricism I Architecture as Political Act

13:00 – 13:05  Intro by chair Neil Leach, USC

Warren Neidich, Delft School of Design, TU Delft School of Architecture

13:50 – 14:00  Transition

14:00 – 14:50  Sanford Kwinter


15:15 – 15:30  Break
15:30 – 17:00
Session 6: Robotic Fabrication 02 I Digital Making I Critical Augmented Building

15:30 – 15:35 Intro by chair: Krassi Krastev, DIA Dessau Institute of Architecture

15:35 – 16:00 Distributed Technologies: Expanding the Field
Matthew Fineout, SMART Architecture

16:00 – 16:15 From Dynamic Processes to Adaptive Geometry
Dana Cupkova, Carnegie Mellon University

16:15 – 16:25 Responsive Patterns on Double Curved Surfaces [Project]
Pierpaolo Ruttico, Arrighi Stefano, Politecnico die Milano

Robert Trombour, Aaron Willette, Taubman College, University of Michigan

16:35 – 17:00 Panel: Robotic Fabrication 01 and 02 (all speajers and moderators from sessions 4 and 6)

17:00 – 17:20 Break

17:20 – 18:30 Session 7: Self Organization I Material Morphology I Biology

17:20 – 17:25 Intro by chair: Sean Ahlquist

17:25 – 17:45 On Material, Biology and Architecture
Dale Clifford, BioLogic, Carnegie Mellon University

17:45 – 17:55 Algal Architecture: Integrating Biological Symbiosis [Project] - tbc
Jacob Douenias, Carnegie Mellon University

17:55 – 18:05 Interior Prosthetics [Project]
Nicole Koltick, Drexel University

18:05 – 18:15 Scan-to-Production [working with heterogeneity in natural materials] [Project]
Hironori Yoshida, ETH Zürich

Gabriel Bello Diaz, Alexandre Dubor, IAAC, Magnetic Architecture Research

18:25 – 18:50 Panel

18:50 – 19:00 Closing Remarks