[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 I Human Computer Interface I 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 I 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**

'The Nature of Code', Daniel Shiffman	venue: Frank-Ratchye STUDIO for Creative Inquiry, CFA
'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 I 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**

13:05 – 13:50 **The Neurobiopolitics of Parametrics: The Cognitive Capital / Cultural Capital Ratio**
Warren Neidich, Delft School of Design, TU Delft School of Architecture

13:50 – 14:00 **Transition**

14:00 – 14:50 **Sanford Kwinter**

14:50 – 15:15 **Panel** - Sanford Kwinter, Warren Neidich, Nina Barbuto, Neil Leach

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

16:25 – 16:35 **Social Gravity: Where Analog Means Intersect with Digital Intend [Project]**
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

18:25 – 18:25 **Magnetic Architecture: Communicating with Material [Project]**
Gabriel Bello Diaz, Alexandre Dubor, IAAC, Magnetic Architecture Research

18:25 – 18:50 **Panel**

18:50 – 19:00 **Closing Remarks**

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