

converge

Disciplinarity and Digital Scholarship

USC School of Cinematic Arts, Los Angeles • June 1–3, 2017

THURSDAY, JUNE 1

12:00PM

SCI LOBBY Registration + Book Table open

01:00–02:00PM **PRE-CONFERENCE PANEL**

SCI 108 **Designing Archives: Towards a Vertical Interdisciplinarity** / *Virginia Kuhn (chair), Nike Nivar Ortiz, Maria Zalewska*

01:00–03:00PM **WORKSHOPS**

SCI 209 **Maps, Friendly Mapping Tools, and Open Data** / *David Ramos*

SCI L106 **Making Core Memory: The Women who put Man on the Moon** / *Daniela Rosner, Samantha Shorey*

03:00–03:30PM **BREAK**

03:30–04:30PM **PRE-CONFERENCE PANEL**

SCI 106 **Real Knowledges, Virtual Designs: A Roundtable on Conducting Practice-Based Research in Virtual Reality** / *Adam Sulzendorf-Liszkiewicz, Kate Parsons, Samantha Gorman, Luis Blackaller, Tonia Beglari*

03:30–05:30PM **WORKSHOPS**

SCI L114 **Data Visualization as Participatory Action Research Method** / *Andrew DeRosa*

SCI L106 **How to Teach Design to Non-Design Students and Create Programs for Non-Designers** / *Joyce Walsh*

SCI 209 **Using Digital Archives to teach Global Design History** / *Dori Griffin*

05:30–07:00PM **KICKOFF RECEPTION**

SCI MAIN LEVEL Join colleagues for light refreshments to launch Converge!

FRIDAY, JUNE 2

08:00AM

SCI LOBBY Registration + Book Table open

09:00AM

SCI LOBBY Opening Remarks and DEC Welcome

09:30AM **KEYNOTE**

SCI 106 Johanna Drucker

10:30AM–12PM **LONG PAPER SESSIONS**

SCI 106 **PRACTICE & PROCESS**
The Critical Turn: Critical Design; As A Matter Of Course / *Daniel Jasper*

Developing Complex Systems With Low-Fidelity Prototypes / *Thomas Maiorana*

Visual Thinking Methods for Understanding Each Other / *Jessica Parris Westbrook, Adam Trowbridge*

SCI 108 **DATA & INFORMATION**
Data as Medium / *Nicole Coleman*
Case Study: Disease Modeling as an Interdisciplinary Practice / *Courtney Marchese*

12:00PM

LUNCH (PROVIDED) WITH PANEL DISCUSSION

SCI LOBBY **The Work of Design Today: New Practices in Research and Creative Activity** / *Johanna Drucker, John Jennings, Michael Gibson, Keith Owens*

FRIDAY (CONT'D)

01:30-02:30PM

PANEL SESSIONS

- SCI 106 Shape Of An Absence: Designing The Black Subject And The Case For Critical Race Design Studies / *John Jennings (chair), Peter Fine, Stacey Robinson, Marshall Shorts, Intelligent Mischief*
- SCI 106 Co-eval: Rethinking Contemporary Approaches To Collaboration And Critical Inquiry / *Nathan Matteson (co-chair), Heather Snyder Quinn (co-chair), Eamon Duede, Ian Lynam, Kelly Bjork*

02:30-04:00PM

LONG PAPER SESSIONS

- SCI 106 **PRINT TO DIGITAL**
User-centered Design and Data Visualization Techniques to Reimagine Digital Scholarly Monographs / *Jessica Keup*

Books, Robots, Algorithms, and Architectures
Anne Burdick

Architectonics of the Book: Form, Content and Media / *Steven McCarthy*
- SCI 108 **STEM/STEAM**
Design is STEM! Understanding Interdisciplinary Design Practice and Education / *Hye-Jin Nae, Tim Wood*

Designing Complex Research: Using Experience Design to Plan and Organize Collaborations with the STEM and Healthcare fields / *Aaron Ganci*

Improving Undergraduate STEM Visualizations Through Design Education: A NASA-funded STEAM Curriculum Initiative / *Katherine Hepworth*

04:00-04:30PM

POSTER SESSION & BREAK

- SCI LOBBY User-Centered Design: Design Thinking by Developing Understanding and Empathy
MiHyun Kim

Perpetual Engagement Through Facilitated Peer Critique / *Aaron Winters*

Entrepreneurship-Corporate Identity Interdisciplinarity / *Jan Ballard*

Modes: Multi-sensory Media Experience for Stress-Reduction / *Emily Verba Fischer, John Hebbeler*

Digital Arts / Social Justice: Working Group And Exhibition / *Camila Afanador-Llach*

04:30-05:00PM

LIGHTNING ROUND SESSIONS

- SCI 106 Designing an Online Collaborative Platform for Mapping Visual Media in the Classroom
Kristy H.A. Kang

Between Autonomy & the Collective / *Lisa Maione*

A Study Investigating the Design Learning Process in Relationship with a “Reflective Practitioner”
Rebecca Roe

Envisioning A Backer-Centered Design Approach For Crowdfunded Projects / *Andrea Marks, Brad Tober*
- SCI 108 Designing a Theoretical Foundation for People-Centered Design Research
Pamela Napier, Terri Wada

DO GOOD WORK: Design Scholarship Opportunities in Collaboration with Social Sciences Servicing Community Organizations
Cesar Rivera

Empowering Teachers as Designers: A Design Case on the WASH Curriculum design for Under-Resourced Schools in Papua New Guinea
Khendum Gyabak

Visualizing California’s Water System: A Transdisciplinary Convergence Of Social Sciences, Natural Sciences And Design
Barbara Sudick, Frank Armstrong

05:00PM

KEYNOTE

- SCI 106 Erik Loyer

06:00-7:30PM

COURTYARD CELEBRATION

- SCI COURTYARD Join us for an evening outdoors with food, beverages, and a live music performance.

SATURDAY, JUNE 3

08:00AM

SCI LOBBY Registration + Book Table open
Research Development and Publication
Coaching Sessions *Keith Owens, Michael Gibson*

09:00-10:30AM

LONG PAPER SESSIONS

- SCI 106 **STUDENT-LED LABS**
Students designing understanding:
Design + Code + French = Play / *Cary Staples*
- A War on Two Fronts: Critically Making Books, Museum Exhibits, and Archives with Students
Scott Mann, Alli Crandell, Jennifer Boyle
- Greenhouse Studios / Scholarly Communications Design at the University of Connecticut
Samantha Olschan
- SCI 108 **FORMING AN INTERDISCIPLINARY TEAM**
Assuming Roles That Help Empathize, Translate, and Improve the Visibility of Design Research
David Wang
- Collaborating across the University / *Karen Zimmermann, Jennifer Nichols, Carolina Gonzalez*
- Design for Collaborative Research / *Xinyi Li, Rebecca Sutton Koeser*

10:30-11:00AM

LIGHTNING ROUND SESSIONS

- SCI 106 Community Voicebox: Capturing & Visualizing Regional Language Habits / *Heather Tucker*
- Open Data as Design Medium / *Eugene Park*
- Mycorrhizae: An Ecosystem Of Collaboration Parallels And Creative Investigation Into The Fungal Root Network Of Plant Communication
Kimberly Long Loken, Samantha Kufahl, Austin Lewer
- SCI 108 Understanding the role of modality and ergonomics in a large-scale interface for design presentation and review / *Danielle Oprean, Peter Lusch*
- Ice-Time: Art-Science Expedition Field Report
Clea T. Waite
- Design is Design: Interdisciplinary Collaborations Between Landscape Architecture and Graphic Design / *Anthony Acock*

11:00-11:30AM

POSTER SESSION & BREAK

- SCI LOBBY Vocal Grammatics: An innovative type design research project / *Adrien Contesse*
- Call and Response: A collaboration between a Printmaker and a Motion Designer
Vanessa B. Cruz
- Digital Aesthetic and Spatial Self
Akshita Sivakumar
- Pluto: Supporting Interdisciplinary Learning in the Classroom and Beyond
Ameer Ahmed, Caspar Lam, YuJune Park

11:30AM-1PM

LONG PAPER SESSIONS

- SCI 106 **ON COLLABORATION**
Here I Am: A Collaborative Exhibition Between Technology And Art History Students Exploring Culture And Identity / *Caroline McCaw, Kathleen Mahoney*
- The Game: An Argument for Digital Scholarship
Dennis Doordan, Brian Edlefsen
- The "General Contractor" of Academia? How a Meta- and Systems- Oriented Perspective May Position Designers as Facilitators of Cross-Disciplinary Academic Collaborations
Brad Tober
- SCI 108 **IMPROVING THE CASE FOR DESIGNERS**
Elevating the Role of Design Within the Humanities, Science, and Education Scholarship
Jeremy Swanston
- Quantifying the Qualitative: How to Elevate the Scholarly Merit of Collaboration
Meta Newhouse, Patricia Murphey
- Elephants Everywhere: Incorporating Divisive Topics Into Design Curriculum
Audra Buck-Coleman

01:00-02:30PM

LUNCH (PROVIDED) WITH PANEL DISCUSSION

- SCI LOBBY Shared Futures: Practices and Methods of Speculative Design, World Building, Design Fiction and Participatory Design
Joshua McVeigh-Schultz (panel chair), Emilia Yang, Biayna Bogosian, Laura Cechanowicz, Karl Baumann

SATURDAY (CONT'D)

02:30-04:00PM

PANEL SESSION

- SCI 106 From Design Thinking to Divergent Thinking:
How Visual Communication Design works across
areas of Knowledge and Brings them Together
*Yvette Shen, Xun Michael Chi, Yoshiko Burke,
Chen Wang*
- SCI 108 *Designing Deformance* / *Jacqueline Lorber
Kasunic, Jentery Sayers, Kate Sweetapple*

04:00-05:00PM

KEYNOTE

- SCI 106 Casey Reas

05:00-05:30PM

CLOSING REMARKS

- SCI 106 Farewell, Convergents!

ORGANIZING COMMITTEE

Jessica Barness, Kent State University
Vicki Callahan, University of Southern California
Heather Corcoran, Washington University in St. Louis
Sarah Lowe, University of Tennessee
Amy Papaelias, SUNY New Paltz
Holly Willis, University of Southern California

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BRAND & DESIGN

Glyphix, Kent State University
Larrie King (Assistant Professor & Creative Director)
Jordan AG. Kauffman (Project Manager & Designer)
Designers: Kels Damicone, Nate Druss, Gracie Harms,
Julia Holmberg, Samantha Hudak, Jenna Myler,
Emily Prusak, Cory Sutter, Grant Wang