



1917-2017

TRANSCEND THE POWERS OF TEN: I'MPOSSIBLE

Week 1

SUN 07.23.17 WELCOME TO UCLA

1:00 – 3:00 Sproul Cove Arrival and Check-In Counselors

MON 07.24.17 INTRO TO ART, DESIGN, NANOSCIENCE | TOOLS OF ART AND NANO

9:00 – 10:00	CNSI Auditorium	Introduction to Sci Art NanoLab	Vesna+Gimzewski+Stieg+Jacques+Instructors
10:00 – 11:30	Lobby	Workshop Drawing	Amisha Gadani - Guest Artist
11:30– 12:00	CNSI Auditorium	Lecture Intro to Nano Scaling	Adam Stieg
12:00 – 1:00	Lobby	Lunch Group	All
1:00 – 2:00	CNSI Auditorium	Lecture Two Cultures + 1917-2017	Victoria Vesna
2:00 – 5:30	Lobby	Workshop Drawdio	Chacin+Dunham+Lilak
5:30 – 7:00	Roof - 64 South Patio	Welcome Party	All

TUES 07.25.17 TOOLS OF VISUALIZATION | UNDERSTANDING NANO

9:00 – 9:15	CNSI Auditorium	Video, feedback, and review-prep for day	All instructors
9:15 – 10:00	CNSI Auditorium	Lecture Tools of Visualization in Nano and Biotechnology	Adam Stieg
10:00 – 11:00	CNSI Auditorium	Lecture MATZA: Anticipating the extreme	Severan Guelpa - Guest Artist
11:00 – 12:30	Lobby	Workshop DIY Microscopy	Lorusso + Instructors
12:30 – 1:30	Campus	Lunch	
1:30 – 2:30	Lobby	Workshop DIY microscopy - finish	Lorusso + Instructors
2:30 – 4:30	CNSI - A Level	Rotating Lab Visits CNSI Core Technology Centers	
		· Optical Microscopy - ALMS Core Lab	
		· Electron Microscopy - EICN Core Lab	
		· Scanning Probe Microscopy - NPC Core Lab	
		· Nanofabrication - ISNC Clean Room	
4:30 – 5:30	CNSI Auditorium	Lecture	James Gimzewski
7:00 – 9:00	CNSI Auditorium	Sci-Fi Film Series (Metropolis 1927)	Counselors

WED 07.26.17 FROM EYES TO AIS / THE AIS OF TECHNOLOGY | VIRTUALIZING VISUALIZATION

9:00 – 9:30	CNSI Auditorium	Video, feedback, and review-prep for day	All instructors
9:30 – 10:00	CNSI Auditorium	Lecture “Shifting Perspectives”	Hsinyu Lin
10:00 – 10:30	CNSI Auditorium	Lecture “Becoming a SciArtist”	Rita Blaik - Guest Scientist
10:30 – 12:30	Lobby	Workshop “Third Eye: Pushing the Anatomy of Tiny Camera “	Hsinyu Lin
12:30 – 1:30	Campus	Lunch	
1:30 – 2:00	CNSI Auditorium	Lecture “Virtualizing the Natural”	Joteva + Han + Moore
2:00 – 4:30	Lobby	Workshop “Virtualizing the Natural” I	Joteva + Han + Moore
4:30 – 5:30	Lobby	Wrap-up & group selections Idea formation Guidelines Rubric	All instructors
7:00 – 9:00	CNSI Auditorium	Sci-Fi Film Series (Hidden Figures)	Counselors

THU 07.27.17 ENGAGING ECOLOGICAL NETWORKS

9:00 – 9:30	CNSI Auditorium	Video, feedback, and review-prep for day	All instructors
9:30 – 10:00	CNSI Auditorium	Lecture Guest artist	David Prince - Guest Artist
10:00 – 12:30	Lobby	Workshop “Bioplastics”	David Prince
12:30 – 1:30	Campus	Lunch	
1:30 – 2:30	CNSI Auditorium	Lecture “Macro-Micro-Nano Ecologies”	Mick Lorusso
2:30 – 4:30	Lobby	Workshop “Macro-Micro-Nano Climate”	Mick Lorusso
4:30 – 5:30	CNSI Auditorium	Lecture Birds	Chuck Taylor - Guest Scientist
7:00 – 9:00	TBA	Group activity	Counselors

FRI 07.28.17 DESIGN THINKING | ARTIFICIAL LIFE

9:00 – 9:30	CNSI Auditorium	Video, feedback, and review-prep for day	All instructors
9:30 – 10:00	CNSI Auditorium	Lecture Intro to Design	Claudia Jacques
10:00 – 11:00	Lobby	Workshop Ideation	Chacin + Lamoncha
11:00 – 12:00	Lobby	Studio Projects discussions	Students
12:00 – 1:00	Campus	Lunch	
1:00 – 2:00	CNSI Auditorium	Critique Midterm	Students + Instructors
2:00 – 2:30	CNSI Auditorium	Lecture “Game of Life”	Dunham+Lilak
2:30 – 5:30	Presentation Space	Workshop “Game of Life”	Chacin+Dunham+Lilak
5:00 – 5:30	Presentation Space	Week’s wrap-up	All instructors

SAT 07.29.17 FIELD TRIP

10:00 – 10:30	UCLA-CSC	Bus to California Science Center	
11:00 – 11:45	CSC	IMax Movie Dream Big 3D	
11:45 – 1:00	CSC	Lunch	
1:15 – 2:15	CSC	Endeavour	
2:15 – 3:15	CSC	Science Center	
3:15 – 4:30	CSC-Venice Beach	Bus from California Science Center to Venice Beach	
4:30 – 7:00	Venice Beach		
7:00 – 8:00	Venice Beach-UCLA	Bus to UCLA	

SUN 07.30.16

Whole Day	Campus	Group Activities	Counselors
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Week 2

MON 07.31.17 VIRTUALLY PERFORMING NATURE/ NATURAL TO THE VIRTUAL / VIRTUAL NATURE

9:00 – 9:30	CNSI Auditorium	Review Week 1 Intro Week 2	All instructors
9:30 – 12:00	CNSI Auditorium	Workshop “Virtualizing the Natural” II	Joteva + Han + Moore
12:00 – 1:00	Campus	Lunch	
1:00 – 3:30	BAPSF	Field trip Plasma Lab	
3:30 – 4:30	Lobby	Synthesizing Nature - Lecture and activity	Lorusso + Lamoncha
4:30 – 5:30	Lobby	Studio Students work on projects	All Instructors
7:00 – 9:00	CNSI Auditorium	Sci-Fi Film Series (Gattaca)	Counselors

TUES 08.01.17 INVESTIGATION

9:00 – 9:30	CNSI Auditorium	Video, review, prep for the day	All instructors
9:30 – 10:30	CNSI Auditorium	Lecture	Mark Cohen - Guest Scientist
10:30 – 12:00	Lobby	Interaction Octopus Brainstorming	Vesna+Cohen+Joteva
12:00 – 1:00	Campus	Lunch	
1:00 – 3:00	CNSI Auditorium	Critique Projects’ research update	Instructor
4:00 – 5:30	Lobby	Studio Students work on projects	Instructors
7:30 – 9:00	CNSI Auditorium	Film Series (Arrival)	Counselors

WED 08.02.17 INSPIRATION

9:00 – 9:30	CNSI Auditorium	Video, review, prep for the day	All instructors
9:30 – 10:00	CNSI Auditorium	Lecture Art Methods as Scientific Investigation Science as Art Inquiry	Lorusso + All Instructors
10:00 – 3:00	Getty	Field trip Getty Museum	
3:00 – 5:30	Auditorium	Critique Projects’ development update	All Instructor
7:00 – 9:00	Sproul	Studio Students work on projects	Counselors

THR 08.03.17 PERSPIRATION

9:00 – 10:00	CNSI Auditorium	Program review, Q&A	All instructors
10:00 – 11:00	CNSI Auditorium	Critique Projects’ update	All Instructor
11:00 – 12:30	Lobby	Studio Final project	Instructor

12:30 – 1:30	Campus	Lunch		
1:30 – 2:45	CNSI Auditorium	Lecture		Scott Hessels - Guest Artist
2:45 – 5:30	Lobby	Studio	Students finalize projects	Counselors + Instructor
7:00 – 9:00	Sproul	Studio	Students finalize projects	Counselors

FRI 08.04.17 CLOSING PROGRAM

9:00 – 10:00	Lobby	Morning reception + Final preparations & testing
10:00 – 11:00	CNSI Auditorium	Welcome & Program Review
11:00 – 1:00	CNSI Auditorium	Final Presentations
1:00 – 2:00	Lobby	Reception and Certificates
4:00 – 7:00	Roof - 64 South Patio	10 year Reception

Notes:

- All activities start at their scheduled time.
- All activities in the CNSI finish 5 to 10 minutes before the next scheduled time depending on its next location.
- CNSI Auditorium to CNSI Auditorium = 5 minutes.
- Lobby to Lobby: 5 minutes.
- CNSI Auditorium to Lobby: 10 minutes.
- Field trips start and end at their scheduled time with included traveling time.

Ex: 1:00 – 3:30 BAPSF Field trip Plasma Lab

We leave the CNSI at 1 pm promptly and leave BASF 20 minutes before 3:30 pm to arrive in time for the next activity.