

UCLA ARCHITECTURE AND URBAN DESIGN WOULD LIKE TO THANK
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RUMBLE - UCLA ARCHITECTURE & URBAN DESIGN / JUNE 6 - 11, 2016



IDEAS



UCLA FACULTY IDEAS:

NATASHA BAJC
CRAIG HODGETTS
JULIA KOERNER
VALERIE LEBLOND
GREG LYNN
THOM MAYNE
MARTA NOWAK
GUVENC OZEL
EUI-SUNG YI
PETER VIKAR

+ CRITICS

IDEAS

PROGRAM IDEAS:

monday JUNE 6

9 am - 3 pm
FINAL REVIEWS

tuesday JUNE 7

9 am - 6 pm
FINAL REVIEWS

7pm - 10pm
CLOSING PARTY +
AWARDS

RUMBLE WITH UCLA'S ARCHITECTURE AND URBAN DESIGN FACULTY AND STUDENTS AND ENGAGE IN THE SHIFTING EDGE OF CONTEMPORARY CRITICAL THINKING AND DESIGN INNOVATION AT UCLA PERLOFF HALL AND THE NEW IDEAS CAMPUS IN CULVER CITY. YEAR-END STUDIO AND PROGRAM INSTALLATIONS ARE STAGED ACROSS TWO CAMPUSES WITH MORE THAN 225 PROJECTS REDEFINING THE PROVOCATIVE OPPORTUNITIES CONFRONTING THE NEXT GENERATION OF ARCHITECTS.

WELCOME TO RUMBLE

This RUMBLE caps a very important year, in which UCLA Architecture and Urban Design (A.U.D.) celebrated its 50th anniversary. It is also a year in which many significant milestones were reached, with major achievements and new goals set for both our continued vitality and a vibrant future.

In late fall 2015, we oversaw the completion of a **feasibility study for a new A.U.D. building** to unite all of our facilities under one roof at the heart of our campus. Generously supported by Alumni contributions, this study tested our year-long programming effort for a new facility on two pivotal campus sites. As the process further develops we are now certain that either of the studied sites is suited to our future vision. This is a future in which a new A.U.D. building will serve as a model for the rest of the campus, demonstrating ways a department with the highest academic standards, a strong international reputation, and a clear social mission can critically engage students, faculty, staff, and collaborators from both inside and outside UCLA in this new era. The boundary between academic scholarship, professional practice, public mission and private interests will be redrawn.

A new A.U.D. building will continue our half century legacy of being at the forefront of architectural innovation and discourse inside and outside the academy – an influential, institution whose impact is felt across campus, throughout our city and around the world. Indeed, over the past 50 years our preeminent faculty and visionary leaders have helped to define contemporary architectural discourse and new directions in the industry: our reputation for innovative teaching in the areas of history, theory, criticism, technology, and design is unparalleled. Today we count some of the world's most celebrated and influential scholars and practitioners among our faculty. On any given day—inside our studios, workshops and seminar rooms—you will find our students and faculty working side by side on some of the most compelling and critical issues of our time.

Soon after our **50th anniversary**, celebrated in a Gala attended by **300 hundred notables and luminaries** at our satellite campus in late winter 2016, we successfully completed our **M. Arch. I NAAB accreditation process**. This achievement ushered in the spring quarter with renewed vigor for the entire A.U.D. community. We take immense pride in having pioneered the application of new technologies in the design process and trail blazed integration with other disciplines, industry partners, government and non-profit groups bringing the most advanced creativity and expertise into our studios where design research takes place.

In parallel we have just **relocated our IDEAS satellite campus, home to our SUPRASTUDIO program from Playa Vista to Culver City**. This move ensures more space for students and faculty as well as connectivity with Los Angeles' expanding public transportation network. Today, our IDEAS campus continues to build on the legacy established by our successful SUPRASTUDIO program and IDEAS platform expanding the potential and impact of design through technology, culture, and practice. The IDEAS campus has pioneered the application of new technologies in the design process and created integration with other disciplines, industry partners, government, and non-profit groups bringing the most advanced creativity and expertise into our studios where design research takes place.

At this year's RUMBLE guests and critics experience the high degree to which A.U.D. continues to take seriously the disciplinary task of anticipating change at all scales of design through rigorous intellection, scholarship and vigorous trans-disciplinary collaborations. Visitors to RUMBLE will observe the learning experience at A.U.D. in a unique way: speculation augmented with plausibility and conjectures stimulate new audiences. From the invention of 3D computer programs; to the integration of sustainability in a design curriculum; to the incorporation of large scale fabrication and robotics; A.U.D. critically defines the topics, curriculum and knowledge necessary to keep its graduates relevant in a changing world.

On a personal note, this year's RUMBLE is my last one as Chair. I am proud to have served the Department in this exciting time and sharing the annual celebration of our work with students, faculty and critics from across the globe. Looking ahead I am certain that UCLA A.U.D. will continue to build on its remarkable 50 year legacy, expanding the potential and impact of design through technology, culture and practice. There will be much more to celebrate. In the meantime, please join us in this year's event at both locations. Welcome to RUMBLE 2016.

SCHEDULE

IDEAS

MONDAY, JUNE 6, 2016

9 am – 3 pm
CRAIG HODGETTS
WITH **MARTA NOWAK** |
CYBERTOPIA SUPRASTUDIO

TUESDAY, JUNE 7, 2016

9 am – 1 pm
MORNING SESSION
REVIEWS
THOM MAYNE WITH
EUI-SUNG YI | NOW
INSTITUTE SUPRASTUDIO

1 pm – 5 pm
AFTERNOON SESSION

REVIEWS
GUVENC OZEL WITH
NATASHA BAJC |
SINGULARITY SUPRASTUDIO



SALUTE TO HITOSHI

The 2016 RUMBLE marks the ninth anniversary of our critical/celebratory year-end event created by our Chair, Hitoshi Abe. It is just one of the ways in which Hitoshi has elevated the Department's status and energy during his remarkable ten years as Chair of the Department of Architecture and Urban Design at UCLA. Hitoshi's collaborative spirit and cross cultural initiatives have created new connections, found new intersections, and filled many gaps in the world of architecture and knowledge production vies-à-vies the A.U.D. Between the many positive changes to the programs at Perloff and the inception of SUPRASTUDIO in 2008, Hitoshi has guided the Department over the last decade into areas of research that have opened up a vast range of both questions and possibilities for the future of design. As Hitoshi ends his tenure with this year's RUMBLE, on behalf of the entire A.U.D. community, I would like to salute him for his incredible level of commitment and service to the Department and for his visionary stance on the fusion of practice, technology, and culture.

NEIL DENARI, Professor

HAPPENINGS AT A.U.D.

2015 - 16

IDEAS Moves to Culver City

After three amazing years in Playa Vista the IDEAS campus moves into a new location in Culver City. The new campus offers more space, and mirrors the intensity of experimentation and innovation for our students and studios in the SUPRASTUDIO program to ramp up their engagement in cross-disciplinary research and collaboration among fellow students, world renowned faculty, and distinguished industry partners.

Conference on Urbanism

Thom Mayne SUPRASTUDIO / The Now Institute with Eui-Sung Yi organizes a Conference on Urbanism in April with presenters Alan Berger, Professor of Landscape architecture and Urban Design, MIT; Albert Pope, Gus Sessions Wortham Professor Rice University School of Architecture; Charles Waldheim, John E Irving Professor of Landscape Architecture Harvard GSD and including panelists Bill Fain, Partner and director of Urban Design and planning at Johnson Fain, Los Angeles; Wes Jones, Professor of Practice, University of Southern California; Thom Mayne, UCLA A.U.D. Distinguished Professor, Founder of Morphosis Architects, and Founder of the Now Institute; Roger Sherman, Adjunct Associate Professor UCLA A.U.D.; Eui-Sung Yi, A.U.D. Lecturer, Principal Morphosis, and Director Now Institute.

The day started off at 9am when the first group of students presented their work on UCLA's Grand Challenge: Sustainable Los Angeles. Our guests, Alan Berger, MIT CAU; Albert Pope, Rice University; Charles Waldheim, Harvard GSD; and Bill Fain, FAIA critiqued the story of the presentation and methods of presenting large amounts of data at large scale.

The project, *Sustainable LA Grand Challenge* is a novel and ambitious campus-wide research endeavor to tackle sustainability in the Los Angeles region through innovations in science, technology, policy, and implementation strategies. The purpose of SLA is to align interdisciplinary groups of scholars around the goal of developing an implementation plan informed by robust research to sustainably transition the LA region to 100-percent renewable energy, 100-percent locally sourced water, and enhanced ecosystem health by 2050.

Sustainable LA What does it really take? Our goal for the day was to look at what it would take to make this happen. What are strategies that could play a part, and how much would they effect the goal towards 100%.

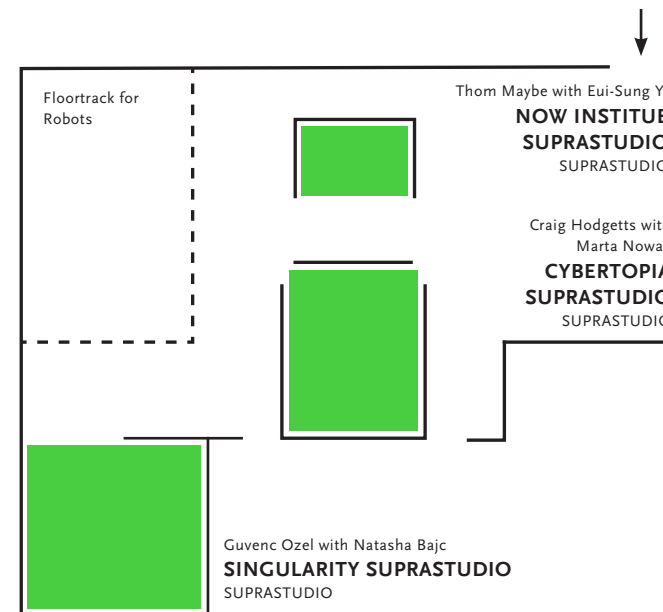
Students Receive Awards

Julia Koerner's students from her winter *Animated Fibers* Technology Seminar win First Prize and Honorable Mention from the American Composites Manufacturing Association Architectural Division inaugural year Composites Challenge. The winning schemes will be exhibited at the AIA National Convention in Philadelphia in the Composites Pavilion in May 2016.

1st Place: UCLA: Undulating Gills
Anna Kudashkina, Yifan Wu, Yuekan Yu, Shahr Razi, Simi Shenoy, Marcelo Marcos

Honorable Mention: UCLA: Skin and Bones
Lyo heng Liu, Yuchen Liu, Luis Ochoa, Ammar Palgharwala, Pegah Roshan, Richard Ruiz, Jorel Sanchez Soto

IDEAS CAMPUS



The Jury stated: "The work was very strong across the board, and everyone should be congratulated for the exceptional effort and results."

UCLA A.U.D. students under the direction of Lecturer Julia Koerner submitted ideas for composite facades, developed within the Technology Seminar "Animated Fibers" (Winter 2016). Inspired by advanced fiberglass infusion techniques within the wind blade industry, UCLA A.U.D. Lecturer Julia Koerner's course *Animated Fibers* researches composite fabrication of "mega-panels" while integrating robotic technology to fabricate panels without a mold.

Earlier this year the Architectural Division, a committee of the American Composites Manufacturing Association Composites Growth initiative invited A.U.D. along with other selected institutions to participate in the first COMPOSITES DESIGN CHALLENGE for architecture students. The challenge invites students to engage in a material investigation focused on novel means of integration of composite constructions into architectural production.

FuturizeX: The Future of Transportation

UCLA initiative FuturizeX invited IDEAS to showcase SUPRASTUDIO research on transportation at their May event focusing on The Future of Transportation with presenters Richard Kim, Head of Global Design, Faraday Future; Rob Lloyd, CEO, Hyperloop Technologies; Joshua Schank, CIO, L.A. Metro; J.R. DeShazo, Director, UCLA Luskin Center for Innovation; and Laura Nelson, Moderator, Transportation writer, *L.A. Times*. More than 300 attendees engaged with the students about their innovative work. Participating students included: Anna Kudashkina, Uriel Lopez, Lyo heng Liu from the Lynn SUPRASTUDIO and Dana Zhu, Shiqi Fan, Yunxuan Gino, Yuchuan Zhang, Andi Dong, and Shuai Zhang from the Hodgetts SUPRASTUDIO. The work from Guvenc Ozel's Summer Session studio Plug-In from 2014 was also featured.

ROBOTIC CARTOGRAPHY — SCALE UP!

The SUPRASTUDIO Summer Session exhibition ROBOTIC CARTOGRAPHY - SCALE UP! on view from September 25 – December 18, 2016 showcases fourteen projects of the 2015-16 M.Arch II incoming students. The Technology Seminar - Robotic Cartography and the Studio -SCALE UP!, led by Julia Koerner, investigate emergent technologies including 3D scanning, robotic video capturing and digital analysis of natural arte-facts on a micro and macro scale. Both literal and phenomenal investigation into natural systems and structures are part of the linked inductive courses. An exploration into various design mediums, biomimicry research and design morphologies are shown in the exhibition in form of additive manufactured morphologies and CNC fabricated scaled up topologies. Animations and videos showcase ideas for architectural and urban applications; a small-scale pavilion and a large-scale urban metabolism within an ideal city.

A.U.D. Gala Light Sculptures

Greg Lynn and Julia Koerner lead 13 Lynn SUPRASTUDIO students to create a series of stunning centerpieces featured at the A.U.D. 50 Year Gala in March. The Light Sculptures specifically designed for the event offer a series of three families of designs including Tower lights, Shell Lights and Polygonal Lights.

Tower Light design included: Luis Rodriguez, Ochoa Flores, Chunxiao Wang, Yuekan Yu, Ting Xu, and Yifan Wu. The Shell Light included: Anna Kudashkina, Jorel Sanchez Soto, Ruolin Xu, Uriel Lopez. The Polygonal Light team included: Marcelo Marco, Lyo Heng Liu, Pegah Roshan, and Yuchen Liu.

HODGETTS SUPRASTUDIO Activities

Craig Hodgetts SUPRASTUDIO with Marta Nowak traveled to Arcosanti, AZ and Taliesin West, Scottsdale, AZ to conduct research. During the spring quarter the studio visited the Gamble House- Pasadena, Art Center College of Design in Pasadena and Manufactured Homes Hallmark Southwest in Loma Linda, CA.

OZEL SUPRASTUDIO Activities

During the academic year SUPRASTUDIO SINGULARITY led by Guvenc Ozel with Natasha Bajc organized a series of research opportunities. A Generative Design workshop was led by Satoru Sugihara, ATLY in the fall. Reid Johnson with Autodesk conducted a Parametric Design workshop while German Apariccio of Gehry Technologies / Trimble led a Physical Computing workshop. The Ozel SUPRASTUDIO traveled to San Francisco to visit Autodesk's experimental fabrication facility Pier 9 and participated in a workshop on new cutting-edge Autodesk gaming engine for experience design. Students visited Kreysler and Associates in Napa Valley to explore building scale composite manufacturing. HTC donated an experimental virtual reality headset VIVE prior to being released in the market that the students conducted research with. Experimentation with Autodesk's new high resolution 3D printer system EMBER, which is not available in the market place yet occupied students during the spring quarter.

LYNN SUPRASTUDIO Activities

A rigorous schedule of excursions, workshops and other research activities involve the Lynn SUPRASTUDIO with Julia Koerner beginning in the fall. Students considered Arial Mapping with drones while on an excursion in Palos Verdes in October. Alumni BAO YINGNAN (M.Arch.II '15) visited the studio in November to present the lecture "How to build your own Drone." A Composite workshop held in November featured invited Guests Bill Kreysler (Kreysler Associates), Neil Smith (Composites One) and Rick Pauer (Polynt) who travel to Los Angeles to introduce Lynn Studio Students to Composites Fabrication — this is the 3rd time they conduct a workshop for the Lynn SUPRASTUDIO. Additional lectures and workshops include: Ben West from FRAMESTRORE in December and Neil Smith from Composite One in January. The students visited Greg Lynn's office Greg Lynn Form located in Venice, CA in February; David Riebe of ACMA Challenge 2016 in February; and a workshop — connecting IDEAS students with UCLA School of Theater, Film & Television with Deborah Nadoolman Landis, PhD Professor and David C. Copley Chair, Director, David C. Copley Center for Costume Design occupied students in March; Walter P Moore Engineers and Boeing Facilities in Seal Beach both in March, and finally a field trip to Boeing's Seattle facilities. The Lynn SUPRASTUDIO conducted research with a "Beam" throughout the winter culminating with a lecture led by Crista Cliver of BEAM Suitable Tech in April. Culminating the year some of the students will join the AIA Convention in Philadelphia for the ACMA Award ceremony in May.

CYBERTOPIA

CYBERTOPIA SUPRASTUDIO was invited to display their research at the tech showcase as part of the International CES Conference held at the UCLA Anderson School of Management in January with more than 350 guests. Students from Marta Nowak's Prosthetic seminar shared their Fall designs with conference attendees and industry professionals, faculty, and students. Conference themes include Internet of Things, Smart Home, Connected Car, Streaming Video and High Speed Networks, Sensors and Wearables, Virtual Reality, and Drones.

SPECIAL THANKS TO:

Hitoshi Abe, Ali Abdul, Harrison Bains, Brian Balan, Caroline Blackburn, Garth Britzman, Jonathan Crisman, Isabel Deakin, Samora Deng, Neil Denari, Giovanni Garci, David Gray, Guy Gustis, Ryan Hernandez, Samantha Hoch, Linda Holmes, David Johnson, Verlena Johnson, Alicia Jones, Sohun Kang, Jim Kies, MacKenzie Keith, Yuna Kim, Mai Lee, Valerie Leblond, Ruby Liu, Marcelo Marcos, Jena Meeks, Morgan Montelius, Jacquelin Montes, Jeannette Mundy, Meaghan Murray, Mahyar Naghshvar, Jade Narrido, Corina Ocampo, Dami Olufovoshe, Manju Paithankar, Peter Pak, Nawid Piracha, Guvenc Ozel, Heather Roberge, Carlos Rocha, Interim Dean David Rousseve, Lisa Rubin, Jeisler Salunga, Mohamed Sharif, Simi Shenoy, Philip Soderlind, Peter Vikar, Eric Wall, Rizzie Walker, Tessa Watson, Erin Wright, Ruolin Xu, Yafei Zhang

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Printing, Minneapolis
design: Willem Henri Lucas

IDEAS CAMPUS

COURSE: Craig Hodgetts SUPRASTUDIO with Marta Nowak
CYBERVILLAGE
 Craig Hodgetts, Professor, UCLA Architecture and Urban Design, Marta Nowak, Lecturer, UCLA Architecture and Urban Design

SUPRASTUDIO Cybervillage will create a master plan for an ideal 21st century community, based on our research of past and present trends. It will be important that we apply modern, rational analysis to these plans, in order to create realistic, yet visionary proposals which, by reason of their radical origins, are capable of challenging and ultimately replacing the outmoded models now employed throughout the world. Each master plan will be governed by a group of restraints, such as economic, sustainability, or governance, which will set the priorities for design without dictating any particular form, yet serve to set the stage for profound differences in infrastructure, lifestyle, and program.

Hypothetical sites, from arid plane to grass-land slopes to jagged highland will provide an opportunity to explore various responses to topography, while typological precedents will provide intellectual and conceptual ballast. Various typological scenarios will explore:

The third line of inquiry, prompted by the inflexibility of the systems model of infrastructure, explores the formal possibilities opened up by exploring a building's capacity to embrace change. Constant flux—both environmental and economic—is endemic to Amazonian culture and climate, and has been at the root of South America's long and notorious history of boom and bust development. The context of change that we will be exploring includes a site where the river periodically overflows its banks, inundating the site of the future town; and an economy which oscillates between agronomy, in manufacturing and in tourism.

Students create design proposals for a series of pilot projects in Puerto Providencia, a new riverport town being planned in the Ecuadorian Amazon. The town will be a key hub in the Manaos-to-Manta (Amazon-to-Pacific) 'transport axis'—one of several transcontinental transportation and communications networks being established in South America to expedite the movement of resources extracted there to the Asian market. The pilot projects include a micro-enterprise cluster (small factory, store and childcare center); an open-air market building; a K-12 school; small eco-hostel; and "shophouse" dwelling prototype.

– Linear configurations such as the Robertson/Barnett plan for NYC, Marinetti, or Soleri, Paul Rudolph's Cross-Bronx Expressway, etc.

– Field conditions such as the Berlin Free Library or Frank Lloyd Wright's Broadacre City

– Topological conditions such as Caesar Pelli's Sunset Mountain project, or Gian Carlo de Carlo's Urbino, or Soleri's Arcosanti

– Megastructures such as Kenzo Tange's Tokyo Bay project, or SUPRASTUDIO'S Endless City

– Walled configurations such as Beijing's Forbidden City

– Armature cities such as Archigram's Plug-in City

The studio focused on developing a program as well as configuration and massing in order to establish a diagrammatic master plan capable of providing a template for further architectural development as projected for the third quarter. Students will work in teams utilizing the model shop, robotics lab, print and graphic media to create a large scale physical model representing their concept. Projection mapping will be

employed to describe traffic patterns, day and night time use patterns, amenities and resources, in order to fully explain a "day in the life" of the concept.

STUDENTS: Andi Dong, Shiqi Fan, Yunxuan Guo, Ailun Jin, Maria Antony Katticaran, Xiaodi Li, Shanfei Liang, Manju Sanjay Paithankar, Ammar Mustafa Palgharwala, Ziqi Pan, Yao Xiao, Shui Yu, Qiyue Zhang, Shuai Zhang, Yarei Zhang, Yuchuan Zhang, Mengning Zhao, Dan Zhu

ROOM: IDEAS
COURSE: Thom Mayne / Now Institute SUPRASTUDIO
UCLA GRAND CHALLENGES: SUSTAINABLE LOS ANGELES 2050
 Thom Mayne, Professor, UCLA Architecture and Urban Design
 Eui-Sung Yi, Lecturer, UCLA Architecture and Urban Design

The Now Institute is participating in UCLA's Grand Challenges as the Spatial Integration Team. Grand Challenges connects UCLA faculty, students and supporters from all disciplines, working together to strategize how the city of Los Angeles can become sustainable by 2050. The principle goals are power with 100% renewable energy, source 100% local water and stimulate biodiversity within and out of the local urban ecologies.

Wilshire Boulevard is the emblematic corridor of Los Angeles, conjoining multiple communities, cultures and histories. Geographically, it anchors downtown Los Angeles and Santa Monica and by virtue of this connection is able to span the complete spectrum of urban densities from single family residences to the most advanced high-rises within the city. Due to the importance of Wilshire Blvd as a diagram, its potential as a public transportation spine is finally being understood. It is also projected that the County of Los Angeles will increase its population by 1.5–2.5 million people. It is envisioned a substantial percentage of the new population will reside along Wilshire Blvd. In this context, Wilshire Blvd can be envisioned as an urban prototype for an advanced high-density urban community, capable of resolving the current transportation challenges and offering an advanced sustainable housing community. The Objective of the Studio is to understand the potential of urban master-planning as a strategy to locate and define urban sustainable solutions. The current discourse in urban design is shifting from the sustainable building to the sustainable district and region and the Wilshire Blvd corridor becomes an ideal platform to prototype and test this theory.

STUDENTS: Shareefa Abdulsalam, Yitao Chen, Cagdas Delen, Ryan Doyle, Elisabet Ollie Amat, Beyza Paksoy, Rupal Rathi, Niketa Sondhi, Devika Tandon, Wei Tang, Halina Veloso E Zarate, Rizzie Walker

ROOM: IDEAS
COURSE: Guvenc Ozel SUPRASTUDIO
SINGULARITY
 Guvenc Ozel, Lecturer, UCLA Architecture and Urban Design
 Natasha Bajc, Lecturer, UCLA Architecture and Urban Design

This SUPRASTUDIO: SINGULARITY focuses on the relationship between the user, data, architectural form and motion through pursuing artificial intelligence as a meta-theme. As objects and environments gain intelligence they develop responses to human presence with varying degrees of autonomy. Current experiments in sensing technology, digital fabrication and virtual environments expresses this desire to transform architecture into an intelligent form of technology that can autonomously negotiate between the human body, human psyche,

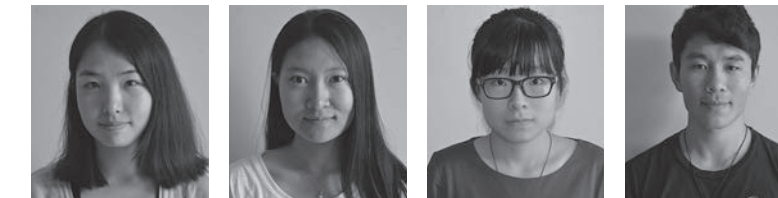
the environment and other parameters, further erasing the differentiation between the digital and physical worlds within the totality of human experience. Therefore, the studio focused on dynamic formal systems through a methodical exploration of generative design, digital fabrication and media technology. Algorithmic coding platforms, 3D printing, physical computing and virtual reality are some of the tools and methods in which the studio team was explored. Rather than prioritizing a singular technology of architectural production, the studio explored the relationship between various technologies as ecosystems of humans and machine logics.

Examples of complexity in natural systems like neural networks serve as the models from which we derive an understanding of artificial intelligence. An artificially intelligent architecture, however, can no longer be characterized by its formal imitation of natural processes or its practical response to their existence. Rather it can be defined by the complexity of its own behavior as it autonomously navigates through a singular world of biology and data. When environments gain autonomous intelligence, what form will they take in the physical world? Such architecture will need to be active, reactive and interactive. An intelligent architecture would focus on perception and action rather than composition and authorship. Strategies for addressing the problems of motion and action open up new opportunities for form and design. Therefore, main objective for the studio is to challenge the boundaries of the human body and the physical environment through an exploration of architecture as an interactive technology.

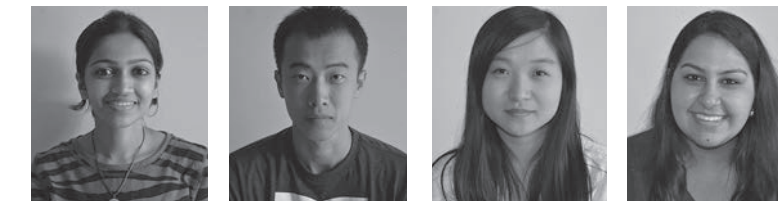
STUDENTS: Abdul Waded Ali, Ruslan Antonenko, Mertcan Buyuksandalyaci, Panpan Cao, Tsung-Yen Hsieh, Yuanzhi Li, Yimiao Lin, Shahrzad Razi, Simi Shenoy, Chen Sun, Tian Tang, Zheng Yang, Meng Zhang, Xixiao Zhang, Andi Zheng, Yuyun Zheng



M.ARCH II - CRAIG HODGETTS



ANDI DONG SHIQI FAN YUNXUAN GUO ALIUN JIN



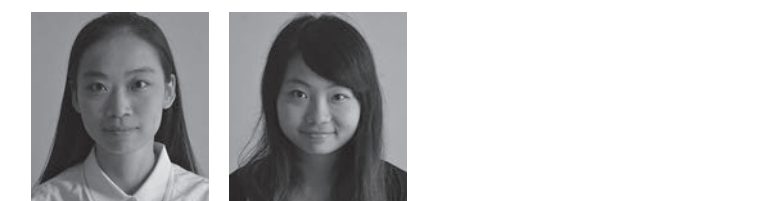
MARIA ANTONY KATTICARAN XIAODI LI SHANFEI LIANG MANJU PAITHANKAR



AMMAR PALGHARWALA ZIQI PAN YAO XIAO SHUI YU

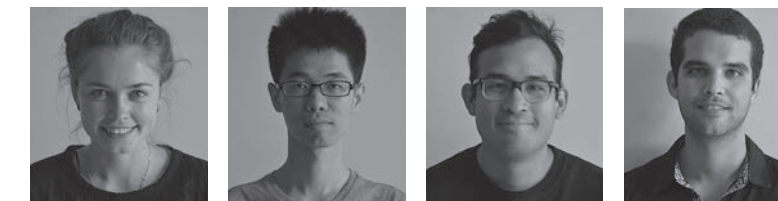


QIYUE ZHANG SHUAI ZHANG YAFEI ZHANG YUCHUAN ZHANG



MENGNING ZHAO DAN ZHU

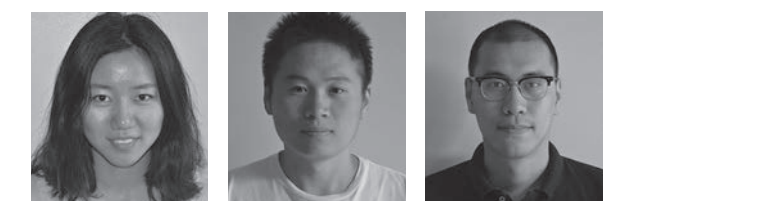
M.ARCH II - GREG LYNN



ANNA KUDASHKINA YUCHEN LIU URIEL A. LOPEZ MARCEL MARCOS

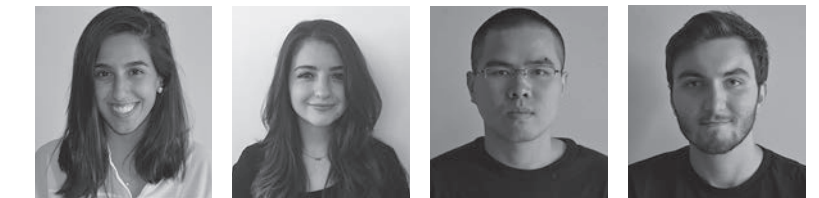


PEGAH ROSHAN JOREL SANCHEZ CHUNXIAO WANG YIFAN WU



RUOLIN XU TING XU YUEKAN YU

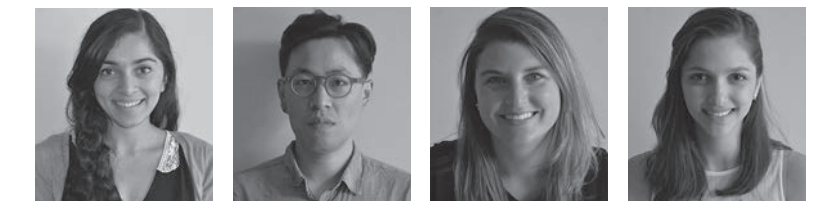
M.ARCH II - THOM MAYNE



SHAREEFA R. ABDULSALAM BEYZA PAKSOY YITAO CHEN CAGDAS DELEN

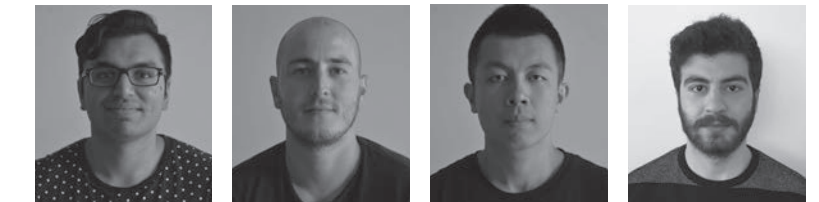


RYAN DOYLE ELISABET OLLIE AMAT RUPAL RATHI NIKETA SONDHI

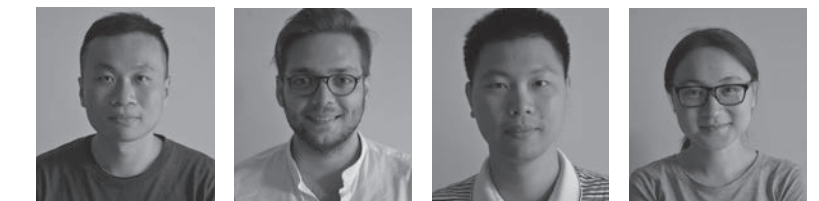


DEVIKA TANDON WEI TANG CAREY WALKER HALINA ZARATE

M.ARCH II - GUVENC OZEL



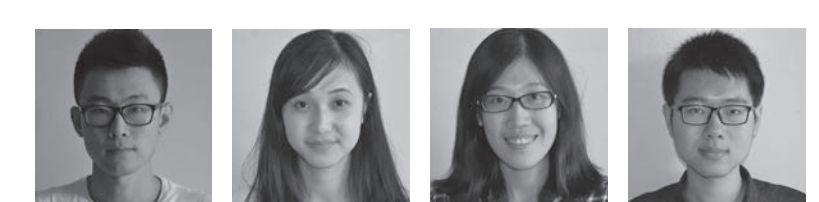
ABDUL ALI RUSLAN ANTONENKO PANPAN CAO MERTCAN BUYUKSANDALYACI



TSUNG-YEN HSIEH FURKAN ONUR KARADUMAN YUANZHI LI YIMIAO LIN



SHAHRAZAD RAZI SIMI SHENOY CHEN SUN TIAN TANG



ZHENG YANG MENG ZHANG XIXIAO ZHANG ANDI ZHENG



YUYUN ZHENG