X-WEEK 2014 PROGRAM
Studio-X Rio celebrates three years
with program dedicated to the Rio das Pedras Initiative.

MARCH 17TH TO 21ST

Studio-X Rio
Praça Tiradentes, 48
Centro / Rio de Janeiro
Opening hours: Mon - Sat / 11am – 7pm
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About Studio-X Rio
In recent years, GSAPP has used the label “Studio-X” to refer to its most advanced laboratories for exploring the future of cities. The label conveys the sense that a whole new platform for research and debate is needed to face the array of urgent questions that will face the next generation of designers. With locations in Amman, Beijing, Istambul, Johannesbourg, Mumbai, New York, Rio de Janeiro and Tokyo, Studio-X is a place for new forms of creativity in the face of the most pressing problems. A place to invent, test and celebrate new ideas. A lively hub of the most exciting discussions. An incubator of energetic thinking in the heart of the city. An interface for direct exchanges between colleagues from around the world. A dynamic space that evolves at the same speed as the urban environment itself. Studio-X Rio, established in 2011 at Praça Tiradentes, is in the heart of downtown Rio.
Opening lecture / Rio in the Eye of the Hurricane

Forget about the idilic image of Rio. On the cusp of the World Cup and two years away from the 2016 Olympic Games, the city is in the eye of the hurricane. Caught by international attention, it exposes its contradictions while becoming a global destination. The mega event improvements and the Port Area renovation are challenged by historical social inequality, precarious infrastructure and services, environmental issues - all boosted by the protests that erupted all over the country since mid last year. Daily life is severely affected by the increase of living costs and the urban transformations that turned the city into a construction site.
Under so much pressure and uncertainty, long term consequences cannot be fully understood by citizens and optimism has been substituted by anxiety towards the near future. What can we expect for the next years? What will be left after the hurricane is gone? How can we proceed in the face of these transformations? How can we think beyond 2016?

Speakers
Fernando Lara, UT Austin
Washington Fajardo, Mayor of Rio’s Advisor for Urban Affairs

Moderator
Pedro Rivera, Director Studio-X Rio
MARCH 18TH, TUESDAY

2:00 PM  **Atelier Azulejaria**

**Lecture by Laura Taves, Coordinator and Art director**

Atelier Azulejaria is a workshop and art collective made of craftspeople and artists who combine art and education with social and cultural activism. Founded in 2003 by the architect Laura Taves in Rio de Janeiro, the Azulejaria works on private and public projects with an educational focus. It aims at giving people who might not be able to afford an education, the ability to become professional craftspeople and earn a living while expressing themselves artistically. Large scale projects such as panels are made by groups of craftspeople in an effort to combine art, education and the urban landscape.

5:00 PM  **Rio das Pedras Stories / Rio das Pedras Initiative**

Conversation with Ronald Levinsohn, Núcleo da Cidadania de Rio das Pedras benefactor

6:30 PM  **Favelas & Development / Rio das Pedras Initiative**

Defying common sense, many favelas have a vigorous economic system: small businesses, service providers, and informal housing real estate, all are evidence of an important market which can be associated to the advent of the so called C-Class. What types of mechanisms, networks and practices are required to develop sustainable economic and income generation models for the population? How to create relationships between formal and informal markets? The discussion will explore questions, potentials and development perspectives for the future of favelas in general, and Rio das Pedras in particular.

**Speakers**
Sérgio Guimarães Ferreira, economist
Cláudia Corrêa, Núcleo da Cidadania de Rio das Pedras
Jailson Souza e Silva, Observatório de Favelas
Vishaan Chakrabarti, Columbia University

**Moderator**
Manuel Thedim, IETS
MARCH 19TH, WEDNESDAY

10:00 AM  **Urban History of Rio**  
Lecture by Antônio Edmilson Martins Rodrigues, PUC-Rio

6:30 PM  **Favelas & Urban Projects / Rio das Pedras Initiative**  
Favelas are places built and organized with their own set of rules and protocols. Planning and designing in such a context involves conceptual, legal, technical and cultural challenges which defy standard procedures and regulations. What’s the state of the art when it comes to design for the favelas? How can architecture meet such a challenge? What can we learn from past experiences?

**Speakers**  
Antônio Veríssimo, City of Rio Secretary of Housing  
Elizabeth França, architect  
Lu Petersehn, architect (TBC)  
Pedro Évora, PUC-Rio and Rua Arquitetos  
Rainer Hehl, ETH Zurich

**Moderator**  
Mark Wigley, Dean GSAPP Columbia University  
Pedro Rivera, Studio-X director
Favelas & Environment / Rio das Pedras Initiative

The health of a population is directly related to its environment and infrastructural systems. Rio das Pedras has a significant portion of its territory built over unstable low lands around the Tijuca lagoon, without sanitation systems, in a conflituous relation. While approaches to urban upgrading become more consensual as a strategy for favelas, new tools, designs and technologies are necessary to fulfill inhabitants needs and improve environmental conditions. This conversation will explore the environmental challenges to the lacunar system, combined sanitation & energy generation technology as well as urban health mapping tools.

Speakers
Kartik Chandran, Laboratory Earth and Environmental Engineering
Columbia University
Mario Moscatelli, Biologist and Master in Ecology
Gina Lovasi & Andrew Rundle, Mailman School of Public Health
Columbia University
Moderator
Clarisse Linke, ITDP Brasil
MARCH 21TH, FRIDAY

10:00 AM  Territorial Reclaim: Clearing Strategies in Rio de Janeiro
Lecture by Brazilian architect Marina Correia
The composition of congestion and diffusion operates in territorial dimension and is intensified in the context of unattended urbanization. Clearing is proposed as a strategy to compose an architecture that engages with the built landscape to perform as an extension of the city ground and absorbs the organic nature of its events, infrastructural demands and gestures of improvisation. A new axis of urban equipment, interacting between state infrastructure and local organizations, is proposed along the central valley of Complexo do Alemão.

3:30 PM  Rio das Pedras Workshop
Studio-X’s workshop takes off from the momentum of having a group of 80+ students and faculty engaged in their first visit to Rio das Pedras. The goal is to enable a shared repertoire of questions for how to think, engage and project for such a unique place.

6:30 PM  Architectural Practices in New York
Galia Solomonoff, SAS
Hilary Sample, MOS Architects
Markus Dochantschi, Studio MDA

SAS / Solomonoff Architecture Studio
Established in New York City in 2004, SAS/Solomonoff Architecture Studio PC is an award winning office that has acquired a reputation for work that is carefully tailored, discrete, and precise, with an emphasis on designs that are both unexpected and practical. The firm’s work ranges in scope from adaptive reuse projects to new construction, and in scale from private townhouses to large museums for art. The firm emphasizes the integration of design concepts and construction detailing to create projects with a comprehensive sensibility.

MOS Architects
Founded in 2003 by US architects Michael Meredith and Hilary Sample, is not a practice known for its involvement in humanitarian projects. Its work is often experimental and, at times, willfully strange. Alongside its architecture, MOS makes films, teaches studios, designs furniture and gives lectures on its work. It was after one lecture in Denver, Colorado in 2009 that Christopher Gish approached Meredith and Sample to ask if they would be interested in designing an orphanage.

Studio MDA
studioMDA was founded by Markus Dochantschi in New York City in 2002 with the mission of challenging the boundaries of design. studioMDA’s approach is to creatively engage all parties at the very beginning, forming an inspirational collaboration in defining design. Calling on a wide range of consultants beyond the designer’s typical collaboration, studioMDA has teamed with artists, video artists, and choreographers, among others, to define space generated by various artistic endeavors. Within this context, the developed design language can become layered into micro and macro scales, balancing from the smallest detail to the topographical/urban fabric. Since 2002 studioMDA’s has worked in New York, New Jersey, Connecticut, Massachusetts, Ohio, Vermont, Alaska, Florida, Sweden, Austria, Switzerland, Norway, Ireland, Peru, Chile, Cambodia and Malawi.

9PM

Closing Party
Time for a beer and listen to brazilian music
SPEAKERS BIOGRAPHIES

Andrew Rundle
Dr. Andrew Rundle’s research focuses on physical activity and body weight with a primary interest in whether sedentary lifestyles and overweight/obesity are risk factors for cancer development. This work includes investigations of the determinants of physical activity and body weight, creating new methods to measure physical activity, molecular epidemiologic investigations of mechanisms through which physical activity may prevent cancer, and studies of associations between activity and cancer incidence. Dr. Rundle also is involved in a project investigating whether environmental exposures cause prostate cancer. In addition to his teaching responsibilities at the Mailman School, which include the Environmental Epidemiology and Molecular Epidemiology courses, he lectures at the School of Social Work and teaches epidemiology to journalism students at NYU. Dr. Rundle also is involved with IARC’s international training workshops on Molecular Epidemiology.

Antônio Augusto Veríssimo
Architect urbanist at FAU/UFRJ, post-graduate degree in Public Administration from the Brazilian School of Municipal Administration / FGV; Master in Urban and Regional Planning at IPPUR/UFRJ, PhD in Urban and Regional Planning at IPPUR/UFRJ (2014). Municipal official of the Municipality of Rio de Janeiro, where he holds the position of Chief of Staff of the Municipal Housing City. In this same city has also held the positions of Deputy Secretary of Municipal Housing, Executive Secretary of Land Affairs, Coordinator of the Regularization of Land Divisions and Planning Coordinator and Projects. In the Municipality of Niterói he served as Under-Secretary of Urban Development and Coordinator of Ownership Regularization Program. Is contributor teacher at Lincoln Institute of Land Policy and a visiting professor at the National School of Urban Services - ENSUR / IBAM and Institute of Legal Research - IPEJUR City University. Has specialization courses promoted by international institutions such as INDES / IDB (Washington, USA) and the Lincoln Institute of Land Policy (Cambridge, USA). Have several papers and articles published in Brazil and abroad.

Antônio Edmilson Martins Rodrigues
Holds a degree in History from the Universidade Federal Fluminense (1971) and a degree in History from the Universidade Federal Fluminense (1971) and is Associate Professor in History of Brazil from the State University of Rio de Janeiro. He is currently assistant professor at the Pontifical Catholic University of Rio de Janeiro and associate professor at the State University of Rio de Janeiro. Has experience in the area of history, with emphasis on the history of Brazil, mainly in the following themes: Rio de Janeiro, urban culture, modernity, modern culture and cities.
Clarisse Cunha Linke
Director ITDP Brasil. Clarisse Linke works in planning and implementation of social policies and programs since 2001, with experience in Brazil, Mozambique and Namibia. She has a Master in Social, NGOs and Development Policy at the London School of Economics and Political Science, where she graduated with distinction and received the "Titmuss Examination Prize" award. It also post graduated in Third Sector by the Institute of Economics of UFRJ. During the period 2006-2011, she was part of the board of directors of the Bicycling Empowerment Network Namibia (BEN Namibia), which was one reason for the expansion of the activities of the organization, becoming the largest distribution network for the implementation of integrated bicycles social enterprises in sub-Saharan Africa. In 2010, she received was awarded the Ashoka Challenge "Women, Tools and Technology". Clarisse forms part of ITDP Brazil since January 2012.

Elizabeth França
Architect and urban planner, current director of the Urban Ideas Studio2E, has 25 years of experience in urban, environmental, housing and managing participatory projects. Between 2005 and 2012 she was Superintendent of the Municipal Housing, accumulated between 2009 and 2012 the role of Assistant Secretary. For eight years, coordinated the preparation of the Municipal Housing Plan and the major housing programs including the Secretariat, Slum Upgrading, Watershed, Rehabilitation of Slums, Social Rental, Regularization, Housing Projects in Urban Operations Faria Lima and Águas Espraiadas. In 2011 she coordinated the Public Competition Renova SP. During this period, about 360 thousand families have benefited from projects developed under her direction. Since 2000, she has worked in consulting with international organizations like the World Bank, Inter-American Development Bank and UN-Habitat, with projects developed in more than 14 countries. For more than three decades has been devoted to the dissemination of architecture and urbanism, promoting events, competitions and exhibitions at the Institute of Architects of Brazil and the Department of Housing. In 2002 hse was the curator of the Brazilian Pavilion at 8th Architecture Biennale in Venice. Is author and editor of over twenty publications on architecture and urbanism and editorial coordinator of Novos Bairros de São Paulo, edited by Sehab.

Fernando Lara, UT Austin
Fernando Luiz Lara is a Brazilian architect with degrees from the Federal University of Minas Gerais (BArch, 1993) and the University of Michigan (PhD, 2001). Prof. Lara’s interests revolve around Latin American 20th century architecture with emphasis on the dissemination of its values beyond the traditional disciplinary boundaries. His PhD dissertation on this topic was expanded into a
book: The Rise of Popular Modernist Architecture in Brazil, published in 2008 by the University Press of Florida. In his several articles Prof. Lara has discussed the modern and the contemporary Brazilian architecture, its meaning, context and social-economic insertion. His latest publications look at the modernist vocabulary and spatiality being appropriated by the humblest favela dwellers. A member of the Brazilian Institute of Architects and the Brazilian DOCOMOMO, Lara has also been active in his native country as a critic, researcher and educator. A licensed architect in Brazil, Lara has designed many structures, alone or in partnership with others. His current interest in the favelas has turned into opportunities to engage with public policy at the municipal level as well as collaborations with local firms designing public spaces in informal settlements. In 2005 he founded Studio Toró, a non-profit devoted to the challenges of water conservation and urban flooding in Latin America. At the University of Texas at Austin Fernando Lara teaches seminars on 20th century Latin American architecture and urbanism, as well as studios related to the continent's current urban challenges.

Galia Solomonoff, creative director
Argentinean-born Solomonoff is the founder and Creative Director of Solomonoff Architecture Studio. Before establishing Open Office and later SAS, Solomonoff worked with Rem Koolhaas/OMA, Bernard Tschumi, and Rafael Vinoly. She has directed award-winning proposals for architectural and urban design competitions in Europe and the United States, and received a National Endowment for the Arts grant. Solomonoff teaches at Columbia University's GSAPP, and has taught at The Cooper Union, RISD, Princeton University, and Yale University where she was honored with the Louis Kahn Chair. Solomonoff holds a Bachelor of Science in Architecture from City College CUNY, and a Master of Architecture from Columbia University; she is a licensed architect in the State of New York.

Gina Lovasi
Dr. Gina S. Lovasi's research examines how modifiable built and social environments influence cardiovascular and pulmonary health, as well as differences in these effects across population subgroups. She received her PhD and MPH in epidemiology from the University of Washington, where her research examined neighborhood walkability and neighborhood socioeconomic characteristics as potential determinants of physical activity and cardiovascular risk. Dr. Lovasi is an investigator with the Built Environment and Health (beh.columbia.edu) project, conducting research within New York City exploring how urban environments could be changed to better support the health of children and adults. Key aspects of the local environment measured in her research have included walkable urban form, sources of healthy and unhealthy foods, urban trees, and
pedestrian safety hazards related to crime and traffic. Health outcomes recently studies include cognitive development, asthma, allergic sensitization, myocardial infarction, sudden cardiac arrest, physical activity, and obesity. She works with the Columbia Center for Children’s Environmental Health and the Columbia Population Research Center to incorporate GIS into a range of health-related research projects in vulnerable populations. Finally, Dr. Lovasi teaches a doctoral course on advanced epidemiology techniques each spring and co-directs the Epidemiology and Population Health Summer Institute at Columbia University (EPIC, cuepisummer.org).

Hilary Sample
Architect, teacher, writer, principal of MOS Architects based in New York City. Her work has been published internationally and exhibited at the Museum of Modern Art, Art Institute of Chicago, and was the recipient of the Emerging Voices Award from the Architecture League of New York and the Architecture Award from the American Academy of Arts and Letters. Current projects include a Drive-In theater and Park for Ballroom Marfa, Museum of Outdoor Arts Element House, Krabbesholm Art School, and the Lali Gurans Orphanage.

Kartik Chandran
Our group employs multidisciplinary strategies to study microbial communities in natural and engineered systems. We are guided by the ultimate vision that gaining a better understanding of these communities will allow us to fully harness their power towards achieving several objectives such as waste treatment, bioenergy, anti-microbial therapies and ultimately contribute to improved environmental and public health.

Environmental Biotechnology, Environmental Nanotechnology, Environmental Microbiology, Public Health Microbiology, Water and Wastewater Treatment, Bioenergetics (Microbial fuel cells and biofuels), Earth and Environmental Engineering.

Laura Taves
Laura is an Architect and urbanist, she started her education in 1991 at Universidade Santa Ursula and graduated in 2004 in Rio after a period of living in Europe where she studied and worked in England, Italy and Belgium. She founded the Atelier Azulejaria in 2003 as part of Enda Brasil, a member of the international organization Enda Tiers- Monde which was founded in Senegal in 1972. Laura was Enda’s coordinator in Brasil for 4 years. She lives and works in Rio where she develops projects to help foster a dialogue between the city and its inhabitants while helping them question their social and cultural boundaries. Laura enjoys working in partnership with friends and often collaborates with other architects, artists and educators who are as interested as her to promote social inclusion through art.

Marina Correia
Born in São Paulo, Brazil, Marina Correia initiated her education in
2000 at Mackenzie School of Architecture and Urbanism and the School of Philosophy of the University of São Paulo, continuing her studies in Architecture at The City College of New York and Harvard Graduate School of Design. She has collaborated with architecture firms in New York City, Barcelona, Argentina and San Francisco, establishing an independent practice in São Paulo in 2013.

**Mario Moscatelli**
Biologist, Master in Ecology, Professor of Management Echoes-systems of the University Center of the City and Chief Technical Officer of Manglares Environmental Consulting.
Since 1997 records in the aerial photos marked reduction of green areas and pollution of Rio’s waters, with special attention to the Guanabara Bay and the mangroves. He has some experience in the curriculum of success in reversal situations of environmental degradation, including the recovery around the Gramacho landfill, now extinct, and reintegration of the original vegetation of the Lagoa Rodrigo de Freitas.

**Mark Wigley**

**Markus Dochantschi**
Markus Dochantschi was trained in Germany, where he graduated in 1995. Before founding studioMDA in New York in 2002, he worked with Arata Isozaki and Fumihiko Maki in Tokyo, and from 1995 to 2002 with Zaha Hadid in London. He taught and was guest lecturer at several universities.

**Pedro Évora**
Founder partner of RUA Architects (since 2004), he graduated from the FAU UFRJ in 2003 and holds a master at PROURB / UFRJ. He was professor at the Faculty of Architecture and Urbanism at UFRJ between 2007 and 2009 and is currently a professor at PUC-Rio. His office was awarded by AU Magazine as one of the 25 most proeminent young practices in Brazil (2010) and is designing the Rio 2016 Olympics Games Golf Clubhouse.
Pedro Rivera
Founder partner of RUA Architects (since 2004) and Director of Studio-X Rio / GSAPP Columbia University (since 2010). He was a professor at PUC-Rio (since 2010-13) and guest speaker or critic at Columbia University, Princeton and ETH Zurich. His office was awarded by AU Magazine as one of the 25 most prominent young practices in Brazil (2010) and is designing the Rio 2016 Olympics Games Golf Clubhouse.

Rainer Hehl
Rainer Hehl is an architect and an urban planner. Currently, he directs the Master of Advanced Studies in Urban Design at the ETH, Zürich, where he also runs a theory seminar and lecture series entitled Urban Mutations on the Edge. He studied at the RWTH in Aachen, the University of the Arts in Berlin and the Ecole Speciale d’Architecture in Paris and has worked as a project architect at Diller, Scofidio + Renfro’s studio and the Office for Metropolitan Architecture in New York. In 2009, he curated the exhibition SQUAT at the 4th International Architecture Biennial in Rotterdam, through which he initiated test-site projects in Paraisópolis, one of Sao Paulo’s largest favelas. Rainer Hehl has also organized several symposia, including the opening symposium for the 4th Architecture Biennial Rotterdam, 2009, a round-table at the World Urban Forum in Rio de Janeiro, 2010, and the urbaninform symposium at the AIA Center for Architecture in New York, 2011. In addition to having lectured widely on urban informality, popular architecture, and hybrid urbanities, Hehl co-founded the non-profit organization and online network urbaninform.net (www.urbaninform.net). Most recently, Rainer Hehl edited Building Brazil! (Ruby Press, 2011). Hehl holds a PhD from the ETH, Zürich, on urbanization strategies for informal settlements, focusing on case studies in Rio de Janeiro.

Sergio Guimarães Ferreira
PhD in Economics from the University of Wisconsin-Madison, has expertise in topics such as evaluation of public policies and educational, income distribution and tax and pension reforms. One of many articles by him earned him the Award for best publication in 2006 of the Brazilian Review of Econometrics. It is Also the organizer and co-author of the book You can: Management of public safety and Reducing violence. Was still under Finance Secretary and Deputy Secretary of Social Welfare and Human Rights of the State of Rio, plus teacher-Ibmec Rio, Candido Mendes University, PUC-Rio and Post-Graduate FGV. It's official BNDES assigned to Pre-making of Rio de Janeiro.

Vishaan Chakrabarti
(Metropolis Books, 2013), Chakrabarti argues that dense, transit-rich, mixed-income cities are the silver bullet for many of the economic, environmental and social problems confronting the United States and the world. Chakrabarti is a Principal at SHoP Architects. His current projects include the Domino Sugar Refinery, concept planning for a new Pennsylvania Station and Empire Outlets. Simultaneously, Chakrabarti is Holliday Professor and the Director of CURE, the Center for Urban Real Estate, at the Columbia University’s Graduate School of Architecture, Planning & Preservation. In addition, Chakrabarti was the inaugural Jaquelin T. Robertson Visiting Professor in Architecture for the University of Virginia in 2009.

**Washington Fajardo**