anticipation

non formal

metropolis

Symposium
Metropolis Nonformal – Anticipation
Launching the UN-Habitat Hub on Informal Urbanism
November 20 – 23, 2013
Munich, Germany

Informal urbanism is one of the dominant forces for urban growth in developing countries. During the last half-century a range of interventions sought to improve living conditions in nonformal neighborhoods. However, there remains a lack of feasible strategies to address the needs of the additional two billion informal dwellers expected by 2050. Despite this surge, many policy makers continue to focus on the prevention of informal urbanization. In contrast, Metropolis Nonformal acknowledges that self-construction may be the only viable urbanization model for low-income migrants. Cities must discard the unrealistic attitude of prevention and embrace an attitude of anticipation and collaboration.

20 Nov
Wednesday

Sophiensaal
Sophienstraße 6, Munich

Opening

18:00	**Christian Werthmann, Claudio Acioly, Sophie Wolfrum**
	Welcome
18:30	**Rahul Mehrotra**
	Kinetic City – Opening Lecture

21 Nov
Thursday

Sophiensaal
Sophienstr. 6, Munich

Introduction

09:00	**Christian Werthmann**
	Metropolis Nonformal – Anticipation

Conditions

09:20	**Cynthia Smith**
	Design With the Other 90 %
09:40	**Jörg Rekittke**
	Permanent Residence on Board a Sinking Ship
10:00	Discussion moderated by **Andres Lepik**
10:30	Break
11:00	**Janice Perlman**
	Urban Informality – Marginal or Mainstream?
11:20	**Rainer Hehl**
	Mass Housing versus Popular Architecture
11:40	Discussion moderated by **Andres Lepik**
12:15	Break

Adapting to Growth

14:00	**Maria Teresa Diniz**
	Design Guidelines – Because Slums Deserve the Best
14:20	**Hubert Klumpner**
	Constructing Cities – Development of Process Based Architecture in the Global South
14:40	**Marcos L. Rosa**
	Handmade Urbanism
15:00	Discussion moderated by **Claudio Acioly**
15:30	Break
16:00	**Adriana Larangeira**
	Informal Settlements in Latin America
16:20	**Solange Carvalho**
	Managing Growth in Rio´s Favelas
16:40	Discussion moderated by **Claudio Acioly**

UN-Habitat UNI & A New Hub for Informal Urbanism

17:00	**Claudio Acioly, Christian Werthmann**
18:00	**Kerstin Sommer**
	Participatory Slum Upgrading

Sophiensaal
Sophienstraße 6, Munich

Introduction

09:00   **Claudio Acioly**
Critical Issues about Informal Urbanization
and the Future of Cities

Land and Community

09:20   **Michael Hooper**
Public Participation –
Simple Conceits Versus Complex Realities
09:40   **Anna Heringer**
Handmade Architecture –
a Catalyst for Development
10:00   Discussion moderated by **Regine Keller**
10:30   Break
11:00   **Martim Smolka**
From the Tree (Curative) to the Forest (Preventive) –
Revisiting Policies Towards Informality
11:20   **Reinhard Goethert**
Sites and Services of the 21st Century
11:40   Discussion moderated by **Regine Keller**
12:00   Break

Infrastructure and Landscape

14:00   **Sahar Attia**
Towards Resilient Communities through
Coordinated Strategies and Interventions
14:20   **Undine Giseke**
Fragmented Cities –
Linking the Urban and the Rural

14:40   Discussion moderated by **Christian Werthmann**
15:00   Break
15:30   **Alejandro Echeverri**
Managing Informal Growth in the Hills of Medellin
15:50   **Edgar Pieterse**
Speculations on the Nexus between Infrastructure,
Social Power and Sustainability
16:10   Discussion moderated by **Christian Werthmann**
16:30   Conclusion and Discussion
moderated by **Christian Werthmann**
18:00   Drinks

23

TU München, Vorhoelzer Forum,
5th floor, Arcisstraße 21, Munich

Doctoral College
(two parallel sessions in Forum and Foyer)
Track 1, Forum

Introduction

09:00 **Christian Werthmann**
Welcome

Africa

09:15 **Oluwafemi Ayodeji Olajide**
Application of Sustainable Livelihood Approach to
Poverty Alleviation in Lagos Informal Settlements;
Nigeria

09:45 **Christina Milos**
Anticipating Industrial Urbanization in Nigeria's
Emerging Oil Sands Belt; Nigeria

10:15 **Ademola Olusola Omoegun**
Investigating the Impacts of Street Trader
Displacements and the Role of the Right to the City
Concept in a Rapidly Urbanising African City; Nigeria

10:45 Coffee Break

Latin America

11:15 **Jennifer Tucker**
Frontiers of the Formal in Ciudad del Este's Econo-
my of Circulation; Paraguay

11:45 **Carlos Felix Raspall Galli**
Informal Methods for Material and Digital
Production; Argentina

12:15 **Fernanda Maria Lonardoni**
Meeting Urban Housing Needs through Informal
Rental Markets: Opportunities and Constraints for
Landlords and Tenants; Brazil

12:45 Lunch Break

Africa

13:30 **Hany Adel Abo El Wafa Moustafa**
Modeling Urban Growth Dynamics: A Spatial
Scenario Approach for the City of Addis Ababa;
Ethiopia

14:00 **Sílvia Manuela Branco Jorge**
Maputo Peri-central Self-produced Areas in the
New Millennium; Mozambique

14:30 **Edwin Oyaro Ondieki**
The 'Rooming' Tenements of Nairobi: A study of
Domestic Lifestyles and Architecture; Kenya

15:00 **Fanny Frick**
Conceiving Non-formal Flood Risk Management in
Accra, Ghana: Barriers to Overcome and Room for
Manoeuvre; Ghana

15:30 Coffee break

16:00 **Esther Yeboah Danso-Wiredu**
"Just Ok in Our Little Corner": The Plight of Old
Fadama Slum Dwellers – Accra; Ghana

16:30 **Carin Combrinck**
Determining Appropriate Strategies for
Architectural Intervention in the In-Situ –
Upgrade of Informal Settlements; South Africa

17:00 **Karen Hetz**
Locked-in in its Low-income Housing Policy? –
Exploration of Limits of the Urban Planning System
to Adapt to Challenges of Informal Growth and
Climate Change in Johannesburg; South Africa

17:30 **Elinorata Mbuya**
Informal Urbanisation and Local Adaptation to
Floods Hazards in Informal Settlements of
Dar es Salaam; Tanzania

TU München, Vorhoelzer Forum,
5th floor, Arcisstraße 21, Munich

Doctoral College
(two parallel sessions in Forum and Foyer)
Track 2, Foyer

Introduction

09:00 **Christian Werthmann**
Welcome

Asia Pacific

09:15 **Marianne Potvin**
Humanitarian Urbanism – Defining New Sites of
Humanitarian Interventions and Challenging the
Informality-vulnerability Correlation; Afghanistan

09:45 **M. Reza Parvizi**
A Spatial Decision Support System for Introducing
Place Vitality in the Redesigning of Low Cost
Residential Land Use; Iran

10:15 **Saeed Ud Din Ahmed**
The Role of 'Power' in Informal Urbanism; Pakistan

10:45 Coffee Break

11:15 **Neelopal Adri**
Climate-induced Rural-urban Migration in
Bangladesh: Experience of Migrants in Dhaka City;
Bangladesh

11:45 **Pranita Shrestha**
The Story of Three Squatter Settlements –
a Network Analysis of Urban Informality in Terms
of Land and Shelter; Kathmandu

12:15 **Thushara Samaratunga**
High-density High-rise Vertical Living:
An Appropriate Housing Solution for Low-income
People in Colombo?; Sri Lanka

12:45 Lunch Break

Arab States

13:30 **Hassan El Mouelhi**
Culture and Informal Urban Development:
The Case Study of Cairo's Informal Settlements
(ashwa eyat); Egypt

14:00 **Mohamed Adel Nada**
The Politics and Governance of Managing Urban
Growth in Greater Cairo Region; An Actor-centred
Institutionalist Analysis; Egypt

Latin America

14:30 **Hector Becerril Miranda**
Brazilian Housing Governance and Municipal Policy
[Trans]formation[s]; From Favela-Bairro to Morar
Carioca: Investigating the Case of Rio de Janeiro
through Slum Upgrading Instrumentation; Brazil

15:00 **Susana Restrepo Rico**
Comprehensive Upgrading of Informal Settlements
in Latin America – The Importance of Community
Participation in Sustainable Upgrading Projects;
Latin America

15:30 Coffee Break

16:00 **Joseph Claghorn**
Generative Landscapes in the Informal City: Design
Methodologies for Landscape Form in Complex,
Self-Ordering and Indeterminate Contexts;
three sites in Latin America

16:30 **Gabriel Duarte**
Infrascapes: Informality and the Effects of Mobility
Infrastructure on Rio de Janeiro's Urban Form; Brazil

Asia Pacific

17:00   **Christian Obermayr**
        Sustainable City Development in Indonesia?
        Innovative Governance Approaches Concerning
        Marginal Settlements; Indonesia
17:30   **Ninik Suhartini**
        Urban Governance and Management in Developing
        Countries: a Case Study of Informal Settlements in
        Jayapura, Papua; Indonesia
18:00   **Raphaëlle Bisiaux**
        Rethinking Informal Housing and the Land
        Ownership Debate from Local Actors' Perceptions:
        A Sociological Understanding of the Case of
        Thapathali Settlement's Eviction in Kathmandu;
        Nepal
18:30   Final Remarks moderated by **Christian Werthmann**

Speakers

Claudio Acioly   Claudio Acioly is an architect and urban planner.
He is currently the head of the Capacity Building
Unit of UN-Habitat. From 2008 to 2012 he was chief
of Housing Policy, UN-Habitat and coordinator of
the United Nations Housing Rights Programme
jointly implemented with the Office of UN High Com-
missioner of Human Rights. From 1993 to 2008 he
was senior housing and land policy expert with the
Institute for Housing and Urban Development Stud-
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ing with housing, informal settlements and slum up-
grading, urban densities and participatory urban
management and has lectured extensively on these
themes internationally.
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Sahar Attia   Prof. Sahar Attia is the Head of the Department of
Architecture at the Faculty of Engineering at Cairo
University, with a PhD in Urban Planning from the
Urban Institute of Paris, University of Paris 12, France.
She has more than 30 years of experience in teach-
ing and practicing urban planning, urban design,
and architecture. Her fields of interest include urban
development, strategic planning, community develop-
ment, heritage conservation and urban regeneration.
She has coordinated several national projects with
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Solange Carvalho   Solange Carvalho is an architect and urbanist who
graduated from the Faculty of Architecture and Ur-
banism at the Federal University of Rio de Janeiro
(FAU/UFRJ) and Master in Architecture at PROARQ/
UFRJ, Brazil. Her research focuses on housing and
human settlements. In 1994, she founded the com-

pany Arqui Traço and has coordinated several urbanization and social housing projects in informal settlements. A recent highlight is the Morar Carioca Green for the favelas of Babilônia and Chapéu Mangueira, which received a sustainability certification by the Caixa Economica Federal – Selo Casa Azul (Blue House Seal). Currently, she's teaching Techniques of Project Presentation at FAU/UFRJ.

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Maria Teresa Diniz
Maria Teresa Diniz is an architect and urban planner. She holds a master´s degree in Geography from the Université Panthéon-Sorbonne. She has coordinated the Design Team at the São Paulo Municipal Housing Secretariat, leading a team of experts who have developed the design guidelines for slum upgrading and social housing projects. She has also occupied the position of Coordinator of Paraisópolis Slum Upgrading and Land-tenure Regularization Program. Currently, she is the Executive Coordinator of USP Cidades, a center for research, development and dissemination of innovative solutions for urban management in Brazil.

Alejandro Echeverri
Alejandro Echeverri is an architect and planner. He is a cofounder and director of urbam, the Center for Urban and Environmental Studies at EAFIT University of Medellín, Colombia. His experience combines architectural, urban, environmental projects and planning. He has also collaborated as professor, lecturer and juror and has been awarded several prizes for his work. As the General Manager of the Empresa de Desarrollo Urbano from 2004 to 2005, and the City's Director of Urban Projects for the Municipality of Medellín from 2005 to 2008 where he led the conceptualization and implementation of Social Urbanism, he has played a crucial role in the rejuvenation of Medellín.

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Undine Giseke
Undine Giseke is a landscape architect (since 1987, founding partner of bgmr landscape architects, Berlin) and professor at Technische Universität Berlin (since 2003, Chair of Landscape Architecture and Open Space Planning). From 2005 to 2014 she is the director of the Future-Megacities-Research-Project "Urban Agriculture as an Integrative Factor of Urbanization" (http://uac-m.org) funded by the German Federal Ministry of Education and Research (BMBF). Her special expertise is urbanization and open-space-systems, open-space-production and transdisciplinary design.

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Reinhard Goethert
Dr. Reinhard Goethert teaches at MIT. He champions the informal building energy which is defining city growth, and stresses innovative participatory approaches. His background includes design of site and services projects and training programs for international development agencies. He received the UN Habitat Scroll of Honour for "outstanding contributions in the development of innovative methodologies, training and field practice in Community Action Planning." He earned a Dr.-Ing. Degree in City and Regional Planning with High Honors at RWTH Aachen, and was awarded the Friedrich-Wilhelm Foundation Prize for best thesis.

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Rainer Hehl
Rainer Hehl is an architect and urban planner. He directed the Master of Advanced Studies in Urban Design at the ETH Zurich and he is currently teaching as a guest professor at the TU Berlin. In addition to having lectured widely on urban informality, popular architecture, and hybrid urbanities, Rainer Hehl holds a PhD from the ETH Zurich on urbanization strategies for informal settlements, focusing on case studies in Rio de Janeiro.

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Anna Heringer
Anna Heringer is an architect and Hon. Prof. of the UNESCO Chair for Earthen Architecture, Constructive Cultures and Sustainable Development in Ger-

many. She established her international reputation in sustainable architecture with the METI School in Bangladesh, that she designed for her graduation thesis and realized in 2006 together with Eike Roswag. Since then, Heringer has further developed her award-winning approach based on the use of local materials and labor in several projects and workshops and in her teaching. She has been the recipient of a number of awards such as the Aga Khan Award for Architecture and the Global Award for Sustainable Architecture.
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Michael Hooper is an Assistant Professor of Urban Planning and Director of the Social Agency Lab at Harvard University's Graduate School of Design. He previously worked for the United Nations Development Programme in East Africa and New York, including a year spent on secondment to the Kenya Ministry of Planning in Nairobi. His research focuses on evictions and resettlement, participatory planning and governance and urban dimensions of international development.
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Regine Keller

Regine Keller is a landscape architect. Since 2011 she is Senior Vice President for Academic and Student Affairs at Technische Universität München. Since 2005 she has been Professor in the Department of Landscape Architecture and Public Spaces at TUM. She graduated with a degree in landscape architecture in 1996 and founded her own landscape architecture firm keller landschaftsarchitekten in 2000. Regine Keller was awarded several awards e.g. the Honor Award of the City of Munich. She is a member of the Academy of Fine Arts in Bavaria and Berlin and has been jury member for various professional awards and a consultant.
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Hubert Klumpner, Alfredo Brillembourg

Hubert Klumpner and Alfredo Brillembourg are founders and directors of the Urban-Think Tank – an interdisciplinary design practice in Caracas, Venezuela. They have been teaching at Columbia University, New York since 2007, where they founded S.L.U.M. Lab. (Sustainable Living Urban Model Laboratory). Since 2010 they chair the Institute for Architecture and Urbanism at the Swiss Institute of Technology, ETH Zürich. In August 2013 Klumpner was appointed Dean of the Department of Architecture. Their work is primarily geared towards moderating cooperation between first world industry and thirdworld underprivileged informal urban areas, to leapfrog cities in the global south into the 21st century.
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Adriana de Araujo Larangeira

Adriana de Araujo Larangeira is an architect from Universidade Santa Úrsula, Brazil. She has a Master in Urban and Regional Planning and a PhD in Engineering from Universidad de Cantabria, Spain. As project manager at Favela-Bairro Programme, she was responsible for several slum upgrading projects. She co-ordinated research projects at IBAM/Cities Alliance, UN-Habitat and the Lincoln Institute of Land Policy, where she is also faculty. She is now the chief officer for management information at the Housing Secretariat, Municipality of Rio de Janeiro.
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Andres Lepik

Andres Lepik is director of the Architecture Museum at TU München and professor for architectural history and curatorial studies. From 1994 he worked as curator at Neue Nationalgalerie, Berlin and from 2007 to 2011 he was curator in the Architecture and Design Department at The Museum of Modern Art, New York. There he presented in 2010 the exhibition "Small Scale, Big Change. New Architectures of Social Engagement". His first exhibition in Munich "Afritecture, Building Social Change" is presenting contemporary architecture in Africa. He is author of

numerous publications and since 2012 he is editor of Candide, Journal for Architectural Knowledge.

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Rahul Mehrotra

Rahul Mehrotra is a practising architect and educator. He works in Mumbai and teaches at the Graduate School of Design at Harvard University, where he is Professor of Urban Design and Planning, and Chair of the Department of Urban Planning and Design as well as a member of the steering committee of Harvard's South Asia Institute. As a Trustee of the Urban Design Research Institute (UDRI), and Partners for Urban Knowledge Action and Research (PU-KAR) both based in Mumbai, Mehrotra continues to be actively involved as an activist in the civic and urban affairs of the city.

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Janice Perlman

Janice Perlman's recent book, Favela: Four Decades of Living on the Edge in Rio de Janeiro (Oxford University Press), won a Guggenheim and the PROSE Award. Her earlier book, The Myth of Marginality, won the C. Wright Mills Award. She is President of the non-profit Mega-Cities Project, now engaging next generation urban leaders and technologies in MC2. She was a Professor in UC Berkeley's Department of City and Regional Planning and has taught at University of Paris, Columbia, NYU and Trinity. She has a BA in Anthropology (Cornell) and a PhD in Political Science/Urban Studies (MIT).

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Edgar Pieterse

Professor Edgar Pieterse is holder of the South African Research Chair in Urban Policy and is director of the African Centre for Cities at the University of Cape Town. He is a globally recognised urbanist with a growing reputation in both academic and policy circles based on his extensive publications record and advisory roles. Notable recent books include: Rogue Urbanism: Emergent African Cities (2013);

Africa's Urban Revolution (forthcoming 2014); City Futures: Confronting the Crisis of Urban Development (2008); African Cities Reader I & II (2010, 2011). He is also founding co-editor of CityScapes, a magazine about urban things.

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Jörg Rekittke

Jörg Rekittke is a landscape architect and skilled nursery gardener. He studied at the Technical University Berlin and Ecole Nationale Supérieure du Paysage Versailles. He was an Assistant Professor at RWTH Aachen University from 1997 until 2006 and earned his doctorate in 2001. From 2006 to 2008 he was Assistant Professor at the Chair of Landscape Architecture, University of Wageningen, the Netherlands. Since 2009 he is Associate Professor and Director of the Master of Landscape Architecture Programme at the National University of Singapore.

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Marcos L. Rosa

Marcos L. Rosa, born in São Paulo, is an architect and urban planner (FAU USP) and a PhD Candidate at TU München (TUM). He is the author of "Microplanning: urban creative practices" (São Paulo, 2011) and editor of "Handmade Urbanism" (Berlin, 2013). He taught at TUM, Escola da Cidade and ETH and currently practices in São Paulo. He conceptualized and coordinated a platform for collective mapping of community initiatives in Rio along with curating the DBUA award in 2013.

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Cynthia E. Smith

Cynthia E. Smith serves as Cooper-Hewitt, National Design Museum's Curator of Socially Responsible Design. Trained as an industrial designer, she led multidisciplinary planning and design projects for cultural institutions and earned a graduate degree from Harvard University's Kennedy School of Government. At Cooper-Hewitt she integrates her work

experience with her advocacy on human rights and social justice issues. She co-authored "The Politics of Genocide: U.S. Rhetoric vs. Inaction in Dafur" for the Kennedy School Review; curates the "Design with the Other 90%" exhibition series; co-curated the 2010 "Design Triennial: Why Design Now?"; serves on international design juries; and lectures widely on socially responsible design.
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Martim O. Smolka

Martim O. Smolka is senior fellow and director of the Program on Latin American and the Caribbean at the Lincoln Institute of Land Policy. Since 1995 he has led hundreds of research and educational programs for high-level public officials, scholars, NGO leaders and other professionals. He published on the functioning of formal and informal urban land markets; on regularization policies; and land based instruments to finance and promote urban development. He graduated in economics from the Pontifical Catholic University of Rio de Janeiro in 1971, and received his MA and PhD degrees in regional science from the University of Pennsylvania in 1980.
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Christian Werthmann

Christian Werthmann is Professor of Landscape Architecture and Design at the Leibniz University Hannover and a Hans Fischer Senior Fellow at TU München. He has written numerous books and articles, exhibited globally and has been a speaker at international conferences on landscape and urbanism. He also curates symposia, e.g. Metropolis Nonformal at the TUM in 2011. His research concentrates on the potentials of landscape architecture and infrastructure in heavily urbanized and socially conflicted terrain. Until 2012, he was an Associate Professor and the former Director of the Master in Landscape Architecture Degree Programs at the Harvard Graduate School of Design.
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Organisation

Juliane Schneegans   organizer and coordinator of the symposium;
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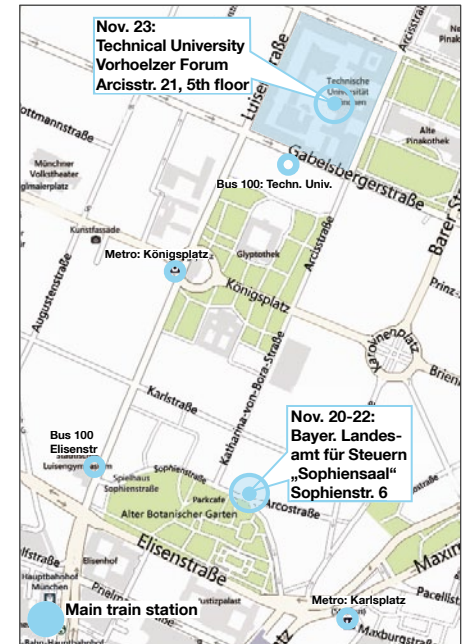**Juliane Schneegans**   Scientific Assistant,
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Map

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