Congress Presenters

ACHWOKA, Francisco - Israel - Track 2
ADELEYE, Barniji - Nigeria - Track 1
AKINYEMI, Oriyomi - Nigeria - Track 2
ALAGAPPPAN, Valliappan - India - Track 2
ALAM, Ashfaq - India - Track 6
ALEXANDER, Ryan - South Africa - Track 1
ALRAOUF, Ali - Qatar - Track 3
BABARINDE, Jacob - Papua NG - Track 4
BAKER, Nathaniel - Brazil - Track 6
BANDYOPADHYAY, Abir - India - Track 6
BICKFORD, Geoffrey - South Africa - Track 1
BISELLO, Adriano - Italy - Track 5
BOGUNOVICH, Dushko - New Zealand - Tré
BOS, Caroline - Netherlands - Track 4
CAO, Genrong - China - Track 2
CAO, Zhejing - China - Track 4
CENDOYA, Alberto - Spain - Track 5
CHAKWIZIRA, James - South Africa - Track 1
CHATTERJEE, Amit - India - Track 1
CHATTERJI, Tathagata - India - Track 5
CHOUDHURY, Binayak - India - Track 6
COOKE, Sean - South Africa - Track 1
CORNELIUS, Selma - South Africa - Track 5
DALE, Catherine - South Africa - Track 3
DEL RE, Nicole - Italy - Track 5
DENG, Xiaoxiao - China - Track 1
DREWES, Ernst - South Africa - Track 1
ERDOGAN, Gizem - Turkey - Track 6
ERWEE, Chelsea - South Africa - Track 5
GALL, Tjark - Malawi - Track 3
GAMA, Mfanafuthi - South Africa - Track 6
GBECKOR-KOVE, Eden T. - Ghana - Track 3
GEORGIA, Maria Christina - UK - Track2
GHOSH, Solanki - India - Track 3
GIBBENS, Menini - South Africa - Track 6
GIBBERD, Jeremy - South Africa - Track 4
GOLDIE, Stephen - UAE - Track 3
GOOSEN, Zhan - South Africa - Track 3
GOVENDER, Tasyam - South Africa - Track 1
GREEN, Chéri - South Africa - Track 6
GUMBO, Trynos - South Africa - Track 6
GÜN, Ahmet - Turkey - Track 4
GUNAY, Zeynep - Turkey - Track 1
HAN, Yuan - China - Track 1
HANSMANN, Robynne - South Africa - Tr5
HEYER, Antje - Sweden - Track 2
HUANG, Jianxiang - Hongkong - Track 5
HULLEY, Renee Karen - South Africa - Tr2
HUNTER, Garfield - China - Track 5
INGWANI, Emaculate - South Africa - Tr6
IVKOVIC, Milena - Netherlands - Track 2
JIANG, Jinliang - China - Track 4
JIMOH, Umar - Nigeria - Track 3
JOHM, Faderr - Kenya - Track 4
JOUBERT, Tessa - South Africa - Track 3
JUNUSSOVA, Madina - Kazakhstan - Track 1
KALMAKOFF, Jacob - Kenya - Track 3
KARAKIEWICZ, Justyna - Australia - Track 5
KHWATHISI, Ntsieni C. - South Africa - Tr 5
KURT, Ebru - Turkey - Track 1
LI, Wan - China - Track 2
LINCALIN, Gill - South Africa - Track 6
LOGGIA, Claudia L. T. - South Africa - Tr3
MABOZA, Sisa - South Africa - Track 1
MAKAN, Rajesh - South Africa - Track 1
MAMASHENKO, Mikhail - Russia - Track 2
MAZUMDAR, Jublee - India - Track 4
MELCHIORRI, Michele - Italy - Track 4
MLONYENI, Inga - South Africa - Track 6
MUKOYA, Alwaka Kent - Kenya - Track 4
MULABA-BA., Antoine - South Africa - Tr6
MUSAKWA, Walter - South Africa - Track 6
MUSOGA, Herbert - Kenya - Track 4
MWANG’A, Keziah - Italy - Track 3
MWANZANI, Shylet - South Africa - Track 1
OBRACHT-PR., Hanna - Poland - Track 3
OJIO, Olajide Oyewole - Nigeria - Track 5
OKEKE, Donald - Nigeria - Track 3
OMOSULU, Bamikole - Nigeria - Track 6
ONATU, George - South Africa - Track 1
ONWUENE, Chioma - Nigeria - Track 3
ONYEMENAM, Prince Ike - Nigeria - Track 1
OJIO, Oluwafemi - Nigeria - Track 5
OLIVIER, Victoria - USA - Track 6
PAKDEELAO, Payap - Thailand - Track 1
Track 1. Transforming Human Settlements

Session 1: Rural transformations, fringe, sprawl

Madina JUNUSSOVA, University of Central Asia, Almaty, Kazakhstan
Planning economic development of city and region: strategic assumptions of the state versus local capacities

Siwaporn KLINMALAI, Thammasat University, Pathumthani, Thailand
The adaptation of former gated communities in urban sprawl of Bangkok metropolitan area, Thailand

Xiaoxiao DENG, Shanghai Tongji Urban Planning & Design institute, Shanghai, China; Xiao ZHANG, Jiangsu Institute of Urban Planning and Design, Nanjing, China
Spatial evolution of rural settlements in urban fringe of Shanghai metropolitan area

Ernst DREWES, Mariska VAN ASWEGEN, North-West University, Potchefstroom, South Africa
Rural resilience: transforming mining towns and settlements

Prince Ike ONYEMENAM, Oluwabokola A. AYANGBILE, Ayobami POPOOLA, Bamiji M. ADELEYE, University of Ibadan, Ibadan, Nigeria
Towards transforming human settlements in urban fringes of delta state, Nigeria
Deprived human settlements in Abidjan: from theory to action

Session 2: Morphology, rehabilitation
Payap PAKDEELAO, Thammasat University, Pathumthani, Thailand; Korawan RUNGSAWANG, Silpakorn University, Bangkok, Thailand
Four decades of vertical living: a comprehensive analysis of the architectural development of the vertical housing projects by the national housing authority in Bangkok and the greater metropolitan area between 1973 and 2013

Bamiji ADELEYE, Mohammed NDANA, Federal University of Technology Minna, Niger, Nigeria; Oluwabukola AYANGBILE; Ayobami POPOLA, University of Ibadan, Ibadan, Nigeria
Urban transformation: a changing phase of Minna central area

Yuansha NIU, Jiangsu Institute of Urban Planning and Design, Nanjing, China
The preservation and sustainable utilization research of Suitang Luoyang ancient city based on the precise historical information re-mapping

Xiao ZHANG, Jinsong JIANG, Jiangsu Institute of Urban Planning and Design, Nanjing, China; Xiao DENG, Tongji Institution of Urban Planning and Design, Shanghai, China
Regeneration for traditional residential community of water towns south of the Yangtze River based on cultural planning

Yizhou ZHAO, Tsinghua University, Beijing, China
Micro-transforming: a new strategy for hutong settlement in historic districts. Case study on Yangmeizhu-Xiejie in Beijing

Zeynep GUNAY, Istanbul Technical University, Istanbul, Turkey
Limits to hospitality and right to the city in the ruins of a world heritage site: Suleymaniye in Istanbul historic peninsula

Malgorzata HANZL, Lodz University of Technology, Lodz, Poland
The transformation of former Jewish structures in the towns of central Poland – spatial order and its perception

Session 3: Walking, running, soft transportation, public space
Hao WU, Yong CHEN, Tongji University, Shanghai, China
Urban design factors associated with perceived assessment in elderly’s walking activities: case study of central Shanghai, China

Styfle NTAMWANZA, James CHAKWIRIRA, University of Venda, Thohoyandou, South Africa
An assessment of infrastructure provisions and services for persons with disability at University of Venda and its surroundings

Ebru KURT, Istanbul Technical University, Taksim-Istanbul, Turkey
Transformation of public space in terms of politics and power; the case of Beyazit square

Session 4: Transportation and sustainable infrastructure
Ryan ALEXANDER, Aurecon South Africa (PTY) Ltd, Cape Town, South Africa; Karen SHIPPEY, Provincial Government of the Western Cape, Cape Town, South Africa
Delivering sustainable urban infrastructure – a feasibility study of two Western Cape municipalities

Geoffrey BICKFORD, South African Cities Network, Johannesburg, South Africa
Transit Oriented Development approaches for developing world cities: some insights based on the South African context

Sean COOKE, Roger BEHRENS, University of Cape Town, Cape Town, South Africa
Transforming human settlements to support viable public transport in developing cities: results of a public transport corridor operating cost model

Sisa MABOZA, Passenger Rail Agency of South Africa, Kempton Park, South Africa
Transit oriented development as a tool for transforming negative urban spaces in South African townships
Yuan HAN, Jiangsu Institute of Urban Planning & Design, Nanjing, China
Industrial land redevelopment in rapid urbanization area under “stock development”
background: an empirical analysis of a city in the Yangtze River delta, China

Session 5: Building sustainable cities
Amit CHATTERJEE, School of Planning and Architecture Bhopal, Bhopal, India; Soumendu CHATTERJEE, Presidency University, Kolkata, India; R.N. CHATTOPADHYAY, Indian Institute of Technology, Kharagpur, India
Transforming Mumbai city: removing the bottlenecks to achieve future sustainability
Andrea SOUZA CRUZ, Mauro César SANTOS, UFRJ, Rio de Janeiro, Brazil; Adriana Fiorotti CAMPOS, UFES, Vitória, Brazil; Joyce TENÓRIO, UNISUAM, Rio de Janeiro, Brazil
Transforming the urban chaos with environmental recovery: Pedra Branca forest case, Brazil
Yisha ZHANG, Yifan YU, Tongji University, Shanghai, China
Residential differentiation and socioeconomic reorganization under spatial reconstruction
- a case study of the new town plan of new Beichuan, Sichuan, China

Session 6: Transforming African cities
Tasyam GOVENDER, Nisa MAMMON, NM & Associates, Cape Town, South Africa
The American dream: urban densities in South African cities
Kelebone LEKUNYA, Mark ORANJE, University of Pretoria, Pretoria, South Africa
Exploring the spatial and economic development impacts of the African Growth and Opportunity Act (AGOA) in Lesotho
Rajesh MAKAN, Rural Development and Land Reform, Pretoria, South Africa
A new framework for spatial planning and land use management legislation in South Africa
George ONATU, University of Johannesburg, Johannesburg, South Africa
Mixed income housing development model for South Africa: a case of Cosmo city, Johannesburg and Cornubia, Ethekwini
Jakob SCHACKMAR, University of Kaiserslautern, Kaiserslautern, Germany
22 years of post-apartheid urban change in South Africa. Done enough?

Track 2. Planning Activism and Social Justice

Session 1: Planning and social justice
Mthokozisi MHLONGO, Zama LONDWE, City of Umhlatuzhe Municipality, Umhlatuzhe, South Africa
A new dawn for the South African planning system
Francisco ACHWOKA, Ben-Gurion University of The Negev, Beersheba, Israel
Transportation issues of cities in developing countries - case study of Nairobi, Kenya
Wan LI, Shuying DAI, Renmin University of China, Beijing, China
The desire of settling in cities of the new generations of Chinese migrant workers
Verna NEL, Tony WILLIAMS, Simangu NKOSI, University of the Free State, Bloemfontein, South Africa
A framework for sustainable land use management in rural areas under traditional authority

Session 2: Social structures
Siyabonga NJEKE, Vishnu GOVENDER, KZN COGTA, Durban, South Africa
The rise of the social elite: a challenge to planning activism and social justice in South African cities
Magdalena WISNIEWSKA, Cracow University of Technology, Kielce, Poland
Citizen participation – a successful strategy in revitalization of panel building estates’ public space or a marketing slogan
Antje HEYER, HEM-Organisation for vulnerable EU-migrants, Täby, Sweden
Criticising Sweden’s treatment of Europe’s most vulnerable citizens – what can we learn from slum upgrading projects in South Africa when it comes to increasing poverty and informality in Northern Europe?
Session 3: Public policy and capacity building

Khethukuthula ZULU, Hibiscus Coast Municipality, Port St. Johns, South Africa
Public participation in IDP, Kwazulu-Natal, South Africa

James CHAKWIZIRA, Mac MASHIRI, Gwararaina TRD, Pretoria, South Africa; Cecilia NJENGA, Peter NJENGA, Kena Consult Pvt/Ltd, Pretoria, South Africa; Martin FRIEDRICH, Manna Development Consultancy (Pty) Ltd, Pretoria, South Africa; Rajesh MAKAN, Department of Rural Development & Land Reform, Pretoria, South Africa
Towards a curriculum & capacity development framework in support of a land use classification system in South Africa

Caroline NEWTON, KU Leuven and OVAM, Mechelen, Belgium
The successful transferability of community driven housing programs in South-East Asia and the role of international NGOs

Renee Karen HULLEY, Black Balance Projects, South Africa
South African cities: changing spaces

Session 4: Economic justice

Oriyomi AKINYEMI, Wale ALADE, Vistaplan Consulting, Lagos, Nigeria
The socio-economic transformation of Makoko community, Lagos, Nigeria

Xiaojun WANG, China Academy of Urban Planning and Design, Beijing, China
Revitalizing a historic district: Dalian Xinglong historic district case study

Łukasz PANCEWICZ, a2p2 architecture & planning and Gdansk University of Technology, Gdansk, Poland
The allure of the great leap forward

Özgün TUTAR, Richard SZEKI, Eylul University, Izmir, Turkey
Neoliberal intervention to the coastal areas: the case study of Port Alaçati, Turkey

Session 5: Planning activism

Maria Christina Gedeon DOUGU, Isis NUNEZ FERRERA, Ben FAGAN-WATSON, University of Westminster, London, United Kingdom
A critical review of top-down vs. Bottom-up models for informal settlement upgrading in South Africa

Mikhail MALASHENKO, Higher School of Economics, Tula, Russia
Civil activism as a means of promoting participatory planning: the case of Tula

Milena IFOVIC, Blok74 urban gaming / built environment, Rotterdam, Netherlands
Hello city!

Session 6: Inclusive planning

Moideata PITIRA, The University of Tokyo, Chiba, Japan
Housewives empowerment in urban Kampung house extension strategy a case study in Kampung Cikini, central Jakarta, Indonesia

Valliappan ALAGAPPAN, Albert HEFFERAN, Aarthi PARIVALLAL, School of Planning and Architecture, Vijayawada, India
Exploring accessibility issues of public buildings for mobility impaired. Case study: interstate bus terminal (ISBT), Vijayawada, India

Genrong CAO, Jian ZHUO, Tongji University, Shanghai, China
Analysis on influencing factor of the choice on commercial facilities for the elderly going shopping on foot—an empirical study of four typical residential communities in central Shanghai
3. Envisaging Planning Theory and Practice for the Next Decades

Session 1: Managing innovation and change

Carolin PÄTSCH, Brandenburg University of Technology Cottbus-Senftenberg, Berlin, Germany
The capacity of institutional innovations for planning practice – reinventing application

Jingyi ZHU, Tongji University, China; Ming TONG, College of Architecture and Urban Planning, Shanghai, China
Heterotopia and equilibrium of contest urban space - an investigation of an accommodation-assimilation mechanism

Nilton TORRES, USP - University of Sao Paulo, Sao Paulo, Brazil
Through a Rhizomatic process of planning

Jacob KALMAKOFF, UN Habitat, Nairobi, Kenya
Mis-romanticism of hidden spaces and gentrification

Hanna OBRACHT-PRONDZYNSKA, Dorota KAMROWSKA-ZALUSKA, Gdansk University of Technology, Gdansk, Poland
In search for new urban planning education and research formulas

Xiao ZHANG, Jiangsu Institution of Urban Planning and Design, Nanjing, China; Jinsong JIANG, Yinlong LIANG, China
Evaluating the implementation performance of historical and cultural town planning: case of Guangfu town

Session 2: Environmental planning

Lena NIEL, Maaike BLAuw, Deltares, Utrecht, Netherlands
Using the natural ecosystem to achieve urban societal ambitions

Zhan GODSEN, North West University, Eshowe, South Africa; Elizebeth Juanean CILLIERS, North West University, Potchefstroom, South Africa
Planning for sustainable communities is planning for green spaces

Stephen GOLDIE, Abu Dhabi Department of Municipal Affairs, Al Ain, United Arab Emirates
Sustainability and the revolution in urban planning

Tjark GALL, Urban Framework, Lilongwe, Malawi
Tackling urban challenges in Sub-Saharan Africa through indicator-based sustainability assessment

Session 3: Post-colonial planning challenges

Claudia Luisa Teresa LOGGIA, Judith OJO-AROMOKUDU, University of KwaZulu-Natal, Durban, South Africa; Maria Christina GEORGIOADOU, University of Westminster, London, United Kingdom
Normal informal living spaces in South African low income human settlements

Chioma ONWUNEME, Donald OKEKE, African Settlement Research Group, Enugu, Nigeria
Bridging the gap between planning theory and practice in Africa: towards a theoretical solution

Keziah MWANG’A, Gran Sasso Science Institute, L’Aquila, Italy
Spatial planning in Nairobi: beyond the post-colonial paradigm?

Session 4: Post-colonial planning challenges

Awais PIRACHA, Western Sydney University, Minchinbury, Australia
What explains the tale of two cities: community engagement in urban planning in New South Wales, Australia

Umar JIMOH, Philip IGHOSTYWII, University of Ibadan, Ibadan, Nigeria
Bi-conceptual planning modelling in tackling a rural threshold challenges in Nigeria

Eden Tekpor GBECKOR - KOVE, Ho Municipal Assembly, Ho, Ghana
A reflection on the changing faces of urban land use planning in Ghana
Session 5: Tools for integrated planning

Jessica PAGE, Carel SCHODERM, North West University, Potchefstroom, South Africa
Investigating the lack of integration within district municipalities: effects of Spluma on integration

Catherine DALE, The Planning Initiative, Durban, South Africa; Joanne LEES, Lees & Short Associated Architects and LSF Designco Lab (Pty) Ltd, Durban, South Africa; Paul WUGERS, Urban Solutions, Durban, South Africa
Transforming the shape of Durban – a local area plan for the inner city of Durban, Ethekwini municipality

James CHAKWIZIRA, Cecilia NJENGA, Peter NJENGA, Kena Consult Pvt/Ltd, Pretoria, South Africa; Mac MASHIRI, Gwarajena TRD, Pretoria, South Africa; Buyisile ZUMA, Rajesh MAKAN, Department of Rural Development & Land Reform, Pretoria, South Africa; Maartien FRIEDRICH, Manna Development Consultancy (Pty) Ltd, Pretoria, South Africa
Growing the seed of spatial transformation: an overview of the capacity building and training dimensions of Spluma (2013), South Africa

Ali ALRAOEF, Urban Planning Department Qatar, Doha, Qatar
A paradigm shift from resources economy to knowledge economy: the case of urban development in Qatar

Session 6: Tools for integrated planning

Solanki GHOSH, Ronita BARDHAN, Indian Institute of Technology, Bombay, Mumbai, India
Understanding variables for contextual re-generation of urban areas - case study of Kolkata, India

Benjamin SCHEERBARTH, Thomas STELLMAC, Gianluca CRISPI, UN-Habitat, Nairobi, Kenya
UN-Habitat’s rapid planning studio: transdisciplinary planning for periods of rapid urban growth

Tessa JOUBERT, North-West University, Pretoria, South Africa
A focus on biodiversity and ecosystem services redefines urban planning and design

Track 4. Urban Planning and Policy Making in Times of Uncertainty, Fragility and Insecurity

Session 1: Master-strategic-futuristic planning and the property development process

Jacob BABARINDE, Papua New Guinea University of Technology, Lae, Papua New Guinea
Application of a holistic land development model for city sustainability: a flux of messy situations extending the frontiers of planning theory

Laura SCHATZ, Western Sydney University, Penrith, Australia
When planning becomes litigation: comparative case studies of the ideologies of appeal decisions in New South Wales and Ontario

Miranda SCHUT, The Spontaneous City International, London, United Kingdom
The future of urban living – planning for the unknown in Amsterdam

Caroline BOS, UNStudio, Amsterdam, Netherlands; Justyna KARAKIEWICZ, The University of Melbourne, Melbourne, Australia
Masterplanning as trouble shooting. Networks of professionals replace planning authorities in the planning of Arnhem Centraal

Session 2: Master-strategic-futuristic planning and the property development process

Itaro AKPAN, University of Uyo, Uyo, Nigeria
Effects of changing land uses on intra-city roads in Calabar municipality, Cross River State, Nigeria

Michele MELCHIORRI, Domodossola, Italy
Intergovernmental organizations and human settlements; how the world polity is shaping the debate on cities

Eloise ROUSSEAU, Riaan VAN EEDEN, City of Cape Town, Cape Town, South Africa
Growing small businesses in South African townships: how planning tools can facilitate economic growth
Opportunities and challenges for urban planning under Kenya’s new constitutional dispensation

Session 3: Master-strategic-futuristic planning and the property development process

Peter Njeru NIUE, Joshua Munye MANAGE, University of Nairobi, Nairobi, Kenya
An investigation into the application of improved building technology in office blocks to mitigate the impact of terrorist attacks in Nairobi

Joanna PRIGARA, Gdansk, Poland
Strategical planning for uncertain times

Muhammed Ziya PAKOZ, Ahmet GÜN, Istanbul Technical University, Istanbul, Turkey
The transformation and reorganization of cities in South-Eastern Turkey: an examination from the safety perspective

Session 4: Climate change, sustainability and infrastructure services

Faderr JOHM, UN Habitat, Nairobi, Kenya
Guiding principles for city climate action planning

Hildegard Edith ROHR, IBAConsulting; Water Research Commision, Pretoria, South Africa
Spatial resilience, adapting to water sensitive planning in South Africa

Zhejing CAO, Tsinghua University, Beijing, China
The framework of resolving water issue in spatial planning in Netherlands

Mswankile ZITHUTHA, South Africa
Designing rainwater harvesting cities

Aiwaka Kent MUKOYA, Nairobi City Water and Sewerage Company, Nairobi, Kenya
Climate change, water and wastewater, risks and uncertainties: case study of Kenya cities and towns

Farnaz MOSANNENZADEH, Daniele VETTORATO, Simon PEZZUTTO, EURAC, Trento, Italy; Maria Rosaria DI NUCCI, Freie Universität Berlin, Berlin, Germany
A taxonomy of barriers to implementation of smart energy city projects in Europe: an empirical approach

Session 5: Spatial analysis and environmental risk modeling

Jinliang JIANG, Jiangsu Institute of Urban Planning and Design, Nanjing, China,
Spatial simulation of air pollutants based on regression models between the pm2.5 concentrations and urban land use: a case study of Nanjing

Jublee MAZUMDAR, Saikat Kumar PAUL, Indian Institute of Technology, Kharagpur, India
Determining the social and spatial vulnerability of a place from potential natural hazards

Jeremy GIBBERD, CSIR, Pretoria, South Africa - combined presentations
Sustainable goods and services
Sustainable waste streams

Session 6: Spatial analysis and environmental risk modeling

Basudatta SARKAR, National Institute of Technology Rourkela, Rourkela, India; Haimanti BANERJI, Joy SEN, Indian Institute of Technology Kharagpur, Kharagpur, India
Assessment of socio-economic vulnerability using select indicators

Pablo PESSOA, Gabriel SALLES REGO, Raiza GOMES FRAGA, Tainá LABREIA FERREIRA, University of Brasília, Brasília, Brazil
The contribution of risk relations to urban planning practices: rethinking floods and other natural disasters of anthropic synergy
**Track 5. Intelligent Cities for People**

**Session 1: Intelligent cities of emerging economies**

Xingping WANG, Southeast University, Nanjing, China; Kai ZHU, Zhejiang University of Technology, Hangzhou, China  
**Innovative space of metropolitan area: types, patterns and evolution**

Qingqing WANG, Nanjing, China  
**The research of spatial form in Xinjiang vernacular settlement focuses on water resources**

Xiaojun WANG, China Academy of Urban Planning and Design, Beijing, China  
**Eco-smart research parks: Shanxi Science and Technology City case study**

Naniek WIDAYATI, Tarumanagara University, Jakarta, Indonesia  
**Old city restoration of Jakarta, Indonesia**  
The sub-district of Glodok is part of a to-be embryo of Jakarta city located between the Jakarta West and North. The emerging problem is an unfortunate image of traffic jams, etc. Becoming the Manhattan of Asia needs presidential regulation stipulating restoration.

**Session 2: Intelligent cities of developed countries**

David LUOLOW, UWE, Bristol, United Kingdom  
**Intelligent city planning – meeting people’s requirements?**

Bruno MONARDO, Leonardo BIANCHI, Nicola DEL RE, Andrea SIMONE, Almona TANI, Sapienza University of Rome, Roma, Italy  
**Smart specialization strategies for supporting the Europe 2020 vision**

Chelsea ERWEE, University of Kwa-Zulu Natal, Durban, South Africa  
**Rebranding Umhlanga as an intelligent city**

Jianxiang HUANG, The University of Hong Kong, Hong Kong, Hongkong, Lishuai LI, Department of System Engineering and Engineering Management, the City University, Hong Kong, China  
**Pleasant urban experiences: re-examining place-making theories using social media data in high-density cities**

**Session 3: Planning with Big Data / complex systems**

Justyna KARAKIEWICZ, The University of Melbourne, Melbourne, Australia; Caroline BOS, UNStudio and University of Melbourne, Amsterdam, Netherlands  
**Ever smarter, cities that learn: the application of complex adaptive systems theory to urban development**

Ning ZHAO, Jianjun WANG, Shoujia ZHU, Guangzhou Urban Planning & Design Survey Research Institute, Guangzhou, China  
**An empirical study on mega-city commercial spaces distribution characteristics: exploratory big-data analysis on Guangzhou, China**

Zhenyu WANG, Jiangsu Institute of Urban Planning and Design, Nanjing, China; Pengpeng ZHOU, Nanjing Institute of Technology, Nanjing, China  
**The role big data plays in the construction of smart city: a case study in Shanghai**

Zheqin CAO, Tsinghua University, Beijing, China  
**The interaction mechanism between urban planning, land supply and tertiary industry spatial structure in Hong Kong**

Prasanth VARUGHES CHARAKUNNELL, Kiranjith CHULLIPARAMPIL, Anuradha CHAKRABARTI, Drishti Center for Urban Research, India  
**The urban conundrum in defining smartness; citizen or technology: a critique into the Indian idea of smart city**

**Session 4: Smart transport / infrastructure**

Giovanni SERGI, University of Genoa, Senigallia, Italy  
**Intelligent cities for local growth, smart city in Italy: the case of the Municipality of Genoa**

Ntsieni Colin KHWATHISI, James CHAKWIZIRA, Peter BIKAM, University of Venda, Thohoyandou, South Africa  
**Smart mobility; challenges of integrating intelligent transport systems for enhanced transportation systems performance**
Urban core health vulnerability: assessment of carbon monoxide level in Bida, Niger State

Robynne HANSMANN, Durban University of Technology, Durban, South Africa
How integrated is the airport in the production of space?

Olaejide Owase OJU, Olasuyi APEGBEMI, Olusola OLUFEMI, University of Ibadan, Ibadan, Nigeria
Promoting non-motorized transport (NMT) to reduce vehicular emissions in Nigerian cities

Session 5: Participatory smart planning

John VAN DEN HOF, Saxion University of Applied Sciences, Enschede, Netherlands
Digitalization and planning empowerment

Nancy ODENDAAL, University of Cape Town, Cape Town, South Africa
How smart are we about smart cities? Exploring opportunities for empowering alternatives

Guy VLOEBERGH, OMGEVING and University ANTWERP, Antwerp, Belgium; Philippe VAN WESENBEECK, Department Spatial Planning, Ghent, Belgium
Inspire and be inspired: an innovative, citizen-centered design of the spatial structural vision 'Room for Ghent’

Tathagata CHATTERJI, School of Planning and Architecture Vijayawada, Vijayawada, India; Sour Bian ROY, Indian Institute of Engineering Science and Technology, Shibpur, India
Participatory planning in the age of smart cities in India

Alberto CENDOYA, University of Navarra, Pamplona, Spain
Digital slums - understanding the importance of the digital connectivity to transform African slums: the case of Cape Town

Session 6: Smart energy in cities

Ntombenhle NDWANDWE, GSC Holdings Pty, Johannesburg, South Africa
Green energy for African cities - the changing landscape of our cities

Samayeh TAHERI MOOSAVI, University of Manchester, Manchester, United Kingdom
Distributed ledger technologies (Blockchain) in urban energy systems, the case study of smart plugs in the UK

Garfield Wayne HUNTER, Guanzeng ZHANG, Lan WANG, Tongji University, Shanghai, China; Daniele VETTORATO, European Academy of Bolzano, Bolzano, Italy
Urban energy planning of human settlements: taxonomy, frameworks, and tools to guide planning evaluation and support decision-making

Adriano BISELLO, Daniele VETTORATO, EURAC Research, Bolzano, Italy
Verifying and weighting citizens’ priorities for energy refurbished dwellings

Farnaz MOSANNENZADEH, Adriano BISELLO, Roberto VACCARO, Valentina D’ALONZO, Garfield WAYNE HUNTER, Daniele VETTORATO, EURAC, Trento, Italy
Definition of smart energy city development

Track 6. Planning for an Interlinked and Integrated Rural-Urban Development

Session 1: Application of spatial planning tools, models and processes

Gil LINCOLN, Durban University of Technology, Durban, South Africa
Regional planning in South Africa: a mandate absent since 1994?

Yuki NING, Southeast University, Nanjing, China; Lingjin WANG, China
Study on residential spatial integration of migrant population in China—-a case study of Nanjing city
Mbalelnhe NGIDI, University of KwaZulu Natal, Durban, South Africa
A critical analysis on the applicability of previously established theoretical growth models in post-apartheid South Africa (the case of the Durban metropolitan area)

Nozizwe MAKGALEMELE, Department of Rural Development and Land Reform, Pretoria, South Africa
District rural development planning to guide the transformation and uplift of the lives of rural communities through linking economic production to the value chains and rural-urban markets

Session 2: Generating local economic development through spatial planning
Inga MLONYENI, University of Kwa-Zulu Natal, Durban, South Africa
Investigating the needed development to be proposed using communicative planning as a tool to enhance local economic development at Nzimakhwe location
Chéri GREEN, Gerbrand MANS, Mawande NGIDI, Zukisa SOGONI, Johan MARITZ, Council for Scientific and Industrial Research, Stellenbosch, South Africa
Using catchment areas analysis and GIS based spatial analysis for prioritising spatial investment in non-metro South Africa

Menini GIBBENS, Carel SCHLOEMAN, North West University, Alberton, South Africa
The spatial context of sustainable rural livelihood development
Ockert PRETORIUS, Ernst DREYES, North West University, Potchefstroom, South Africa
The spatial integration of the SADC through development corridors

Session 3: Changes due to migration and urbanisation
Joseph POBINER, Gensler, Dallas, United States of America
The impact of population increase and urban migration on global sustainability and quality of life

Victoria OLIVER, Detroit Future City, Detroit, United States of America
New Detroit—where the urban and rural meet

Wen LIU, Xiaowei HUO, Ning JIA, Xiaoqing LIU, Jie ZHANG, Tsinghua Tongheng Urban Planning & Design Institute, Beijing, China
Rural: the history and future of the city: research on the current situation and utilization strategy of the traditional villages in Linhai

Shu WANG, Tongji University, Shanghai, China
Evolution of traditional boat dwellers’ settlements in the process of urbanization in southeast coastal region of China

Antoine MULABA-BAFUBIANDI, University of Johannesburg, Johannesburg, South Africa
Rural development and modernisation of villages in Tzaneen (Limpopo) district municipality: an equivocal dilemma

Session 4: Urban/rural relationships
Lulin ZHENG, Guangping XIONG, Southeast University, Nanjing, China
Impacts of national rural policy on the urban-rural relationship: a case study from Changfu, Guangxi, China

Bamikole OMOSELU, Gbolabo OSUNSANYI, Rufus Giwa Polytechnic, Owo, Nigeria
A study of rural-urban linkages in a developing economy of Owo region, Nigeria

Abir BANDYOPADHYAY, National Institute of Technology Raipur, Raipur, India
Integrated rural-urban development in India: an introspection

Walter MUSAKWIA, Sinawepe, B SITINGA, University of Johannesburg, Johannesburg, South Africa
Urban development versus rural development and ruralism in South Africa and Zimbabwe: what the people really want
Urban development, industrialisation and technological development are not what the people often want in rural areas.

Session 5: Peri-urban interface
Nathaniel BAKER, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil
Planning for a sustainable metropolitan region in Brazil and North America: challenges and strategies

Mfanafuthi GAMA, Department of Rural Development and Land Reform, Midrand, South Africa
The national spatial economic opportunity atlas (NSEOA): a tool for trans-disciplinary rural and urban development planning
Dushka BOGUNOVICH, Unitec Institute of Technology, Auckland, New Zealand; Branko CAVRIC, University of Botswana, Gaborone, Botswana
Planning Auckland for climate change: compact city, or resilient city-region?

Emaculate INGWANI, University of Venda, Polokwane, South Africa; Trynos GUMBO, University of Johannesburg, Johannesburg, South Africa
Peri-urbanities as incubators of sustainable rural-urban development frameworks: experiences in Domboshava, Zimbabwe

Ashfique ALAM, Binayak CHAUDHURY, School of Planning and Architecture, Bhopal, India
The dynamics of urbanisation – a case of Bhopal district of India

Gizem ERDOGAN, Pamukkale University, Denizli, Turkey
Identifying and characterizing urban fringe with fractal analysis on Akhan, Denizli, Turkey