

(FCL) FUTURE CITIES LABORATORY 未来城市实验室

FUTURE CITIES LABORATORY

TERRITORIAL

2ND INTERNATIONAL CONFERENCE

ENCOUNTERS

10-11 SEPTEMBER 2012

WERNER SIEMENS AUDITORIUM,
HIT BUILDING
ETH ZURICH, HÖNGGERBERG

ON BEHALF OF FCL:

PROF. KEES CHRISTIAANSE
FCL PROGRAMME LEADER

PROF. DR. STEPHEN CAIRNS
FCL SCIENTIFIC COORDINATOR



THE 2ND FCL CONFERENCE TERRITORIAL ENCOUNTERS WILL FOCUS ON THE DEVELOPMENT, THE EVOLUTION OF CONCEPTS AND STRATEGIES FOR NEW URBAN QUALITIES FOR FUTURE CITIES.

GLOBALIZATION IS PROFOUNDLY RESHAPING THE SCALE, CONFIGURATION AND FUNCTIONAL MIX OF OUR CITIES. THIS NOT ONLY AFFECTS THE HISTORIC URBAN CENTRES BUT ALSO THE SUBURBAN, PERI-URBAN AND HINTERLAND REGIONS BEYOND.

MULTIPLE CENTRES, HUBS AND NODES INCREASINGLY SUPPLEMENT THE RECOGNIZABLE CITY CENTRES. THESE ARE DRAWN TOGETHER IN A NETWORK OF COMMUNICATION INFRASTRUCTURES (RAIL, ROAD, AIR, WATER, INTERNET) TO FORM COMPLEX POLYCENTRIC URBAN REGIONS THAT EXTEND FAR INTO ONCE RURAL HINTERLANDS.

TODAY'S URBAN REGIONS ARE THUS CHARACTERIZED BY A VARIETY OF DIFFERENT TYPES OF URBANIZATION, WHICH INCLUDE SPECIFIC POTENTIALS AND PROBLEMS FOR SPATIAL DESIGN, PLANNING, MODELING AND TECHNOLOGICAL INNOVATION. HOW CAN WE COMPARE AND EVALUATE THESE TYPES? HOW CAN THEIR POTENTIAL BE RECOGNIZED AND PROMOTED?

THE 2-DAYS CONFERENCE WILL ADDRESS THESE ISSUES UNDER THREE THEMED BLOCKS: URBAN TRANSFORMATION, HIGH TECH - LOW TECH AND REGIONAL NEIGHBOURS.

BLOCK I: URBAN TRANSFORMATION

URBAN TRANSFORMATION DETECTS POTENTIALS OF DIVERSE URBAN NEIGHBORHOODS. HOW CAN SOCIAL, CULTURAL AND CREATIVE VALUES BE DETECTED, INTEGRATE AND IMPLEMENTED IN A DIVERSE PLANNING APPROACH. WHICH INSTRUMENTS IN THE FIELD OF GOVERNANCE, LEGISLATION, MANAGEMENT, CONSERVATION AND DESIGN CAN BE DEPLOYED TO INDUCE SUSTAINABLE TRANSFORMATION PROCESSES THAT PRESERVE QUALITIES AND INTRODUCE NEW ONES?

BLOCK II: HIGH TECH - LOW TECH

HIGH-TECH LOW-TECH SEEKS TO PROMOTE KNOWLEDGE SHARING TO OPTIMISE THE USE OF LOCAL RESOURCES, DESIGN SKILLS, NEW TECHNOLOGIES AND CONSTRUCTION METHODS. THE AIM IS TO INCREASE URBAN QUALITIES AND URBAN EQUITY IN BOTH THE DEVELOPED AND DEVELOPING WORLD.

BLOCK III: REGIONAL NEIGHBOURS

THE NOTION OF SCALES HAS SIGNIFICANTLY EVOLVED FROM TRADITIONAL INSIDE-OUTSIDE-CONCEPT TO A BLURRED DEFINITION. REGIONAL NEIGHBOURS WILL THEREFORE DEAL WITH THE NECESSITY OF EXPLORING NEW SOCIAL AND SPATIAL CONCEPTS OF BORDERS AND BORDER SITUATION, WHICH AFFECTS SPACE AND ACTORS. WHAT ARE THE DEPENDENCIES OF VARIOUS NEIGHBORS ON GLOBAL, REGIONAL AND LOCAL SCALE?

PARALLEL RESEARCH SESSIONS: REFLECTION GROUPS

TUESDAY MORNING IS ALLOCATED TO SELECT FCL-RESEARCHERS TO PRESENT THEIR WORK WITHIN THEIR FCL-MODULE. THE CONFERENCE GUEST-SPEAKERS WILL BE ALLOCATED TO ONE OF THE THREE BLOCKS TO TAKE PART OF THE DEBATE.

IN ADDITION QUESTIONS FROM THE AUDIENCE AND THE GUESTS WILL BE INTEGRATED BY THE MODERATORS.

MONDAY, SEPTEMBER 10TH. 2012

WERNER SIEMENS AUDITORIUM, ETH HÖNGGERBERG

08:30 REGISTRATION

09:00 WELCOME
PROF. DR. STEPHEN CAIRNS, FCL SCIENTIFIC COORDINATOR

PRESENTED BLOCK I
URBAN TRANSFORMATION

09:10 RULES AS TOOL
ASS. PROF. DR. ALEX LEHNERER

SPACES AND VIEW IN THE SKY
DR. BELINDA YUEN

ATLAS OF THE COPENHAGENS
DR. DEAN SIMPSON

10:20 COFFEE BREAK (20 MIN)

10:40 URBAN TRANSFORMATION AND THE ROLE OF URBANISTIC CREATIVITY
PROF. DR. ANGELUS EISINGER

TENDING DIVERSITY
PROF. KEES CHRISTIAANSE

11:30 OPEN DISCUSSION

12:10 LUNCH (60 MIN)

PRESENTED BLOCK II
HIGH-TECH, LOW-TECH

13:10 CONSTRUCTING ALTERNATIVES
ASS. PROF. DIRK HEBEL

S.L.U.M. LAB TORRE CONFINANZAS - THE FUTURE OF INFORMAL VERTICAL COMMUNITIES
PROF. ALFREDO BRILLEMBOURG AND PROF. HUBERT KLUMPNER
ADVANCING OUR UNDERSTANDING OF TRAVEL AND THE CITY: THE CASE OF SINGAPORE
PROF. KAY AXHAUSEN

14:20 COFFEE BREAK (20 MIN)

14:40 DESIGN OF ROBOTIC FABRICATED HIGHRISES
PROF. MATHIAS KOHLER

DESIGNING THE ECOCITY
DR. KEN YEANG

15:20 OPEN DISCUSSION

16:10 DISRUPTING LIBERAL ASSUMPTIONS IN URBAN DEVELOPMENT
PROF. BENG HUAT CHUA

17:00 APERO AND S.L.U.M. LAB: ASIAN MODE EUROPEAN LAUNCH

18:00 TRANSFER TO DINNER
19:00 DINNER

TUESDAY, SEPTEMBER 11TH. 2012
WERNER SIEMENS AUDITORIUM, ETH HÖNGGERBERG

09:00 WELCOME
PROF. KEES CHRISTIAANSE, FCL PROGRAMME LEADER

09:10 FUTURE CITIES LIFE CYCLE SIMULATION - FROM DESIGN TO MANAGEMENT
PROF. DR. GERHARD SCHMITT

SEOOLUTION - LEARNING FROM INSPIRING SOLUTIONS IN SEOUL
BART REUSER

09:50 COFFEE BREAK AND BRANCH OUT INTO THE REFLECTION GROUPS (ROOMS IN HIT-BUILDING TBC) (20 MIN)

10:10 CHAIR: ASS. PROF. MILICA TOPALOVIC ASS. PROF. DIRK HEBEL ASS. PROF. DR. ALEX LEHNERER

OF SURVIVORS AND LOSERS: EXPLORING PATTERNS OF TRANSFORMATION OF THE SINGAPORE BUILDING STOCK
IRIS BELLE

CAPTURING ALTERNATIVES FROM CINEMATIC DOCUMENTATION TO IMPLEMENTATION STRATEGIES
FELIX HEISEL

THE POLITICS OF THE PLOT - HOW TO ESTABLISH AUTHORITY OVER THE GROUND
J. MACKER AND L. STIEGER

COMBINING LOW-TECH AND HIGH-TECH DATA ACQUISITION AND ORGANISATION APPROACHES TO SUPPORT URBAN DESIGN
G. ASCHWANDEN, D.SHIN, C. ZHONG

DESIGNING A DEMAND RESPONSIVE TIMETABLE FOR MRT SERVICES
LIJUN SUN

CREATING AN INTEGRATED DESIGN WORKFLOW FOR THE OPTIMIZATION OF LOWEX DESIGN
KIANWEE CHEN

SOFTWARE ENVIRONMENTS FOR DESIGNING WITH ROBOTS
JASON LIM

RETHINKING ENVIRONMENTAL SUSTAINABILITY IN THE PEARL RIVER DELTA
DR. MAX HIRSH

INTEGRATED HYDRAULIC MODELING
KASHIF SCHAAD

THE HINTERLANDS APPROACH
M. JAEGGI AND M. KNUESEL

12:10 LUNCH (60 MIN)

PRESENTED BLOCK III
REGIONAL NEIGHBOURS

13:10 ARCHITECTURE OF TERRITORY
ASS. PROF. MILICA TOPALOVIC

TESTING SPACES IN SOUTH KOREA - GREEN FIELD, BROWN FIELD, MINE FIELD
DR. JESSE LECAVALIER

COMPARATIVISM, TRANSNATIONALISM AND NEIGHBORLINESS
PROF. DR. JANE JACOBS

14:20 COFFEE BREAK (20 MIN)

14:40 LANDSCAPE AND ECOLOGY - THE CASE OF THE CILIWUNG RIVER IN JAKARTA
PROF. CHRISTIOPH GIROT

DO CITIES REALLY HAVE NEIGHBORHOODS
PROF. BILL HILLIER

15:20 OPEN DISCUSSION

16:10 MASTERPLANNING FUTURES - FCL CONFERENCE 2012
LUCY BULLIVANT

17:00 ROUNDTABLE FORUM
K. YEANG, B.H. CHUA, B. HILLIER, L. BULLIVANT, K. CHRISTIAANSE, A. EISINGER

18:00 FAREWELL AND APERO