



אוניברסיטת בן-גוריון בנגב
המחלקה לגאוגרפיה ופיתוח סביבתי

17th meeting TG planning & complexity

EMERGING PATTERNS in the BUILT ENVIRONMENT

Analytical Tools & Responsive Governance

Paul Klee

Wednesday 7th – Friday 9th November, 2018 | Ben-Gurion University of the Negev

PROGRAM

Wednesday, November 7 | Ben-Gurion University of the Negev, Beersheba

8:45 AM Registration and morning coffee

9:15 AM Opening & Icebreaker

10:00 AM Keynote lecture: **Prof. Ehud Meron**, Department of Solar Energy and Environmental Physics, Ben-Gurion University

Discussant: Dr. Sayfan Borghini

11:00 AM Coffee break

11:30 AM Session 1: **Theorizing urban complexity**

Chair: Itzhak Benenson

From the Synthesis of Form to Sequences – the development of Christopher Alexander's thinking on handling complexity in the built environment | *Yodan Rofe*

Planning and rationality: a multi layered perspective within a complex environment | *Gert de Roo and Camilla Perone*

Cellular Automata, Agent-Based Modeling... What Comes Next? | *Itzhak Benenson, Yonatan Almagor, Daniel Czamanski*

1:00 PM Lunch break

2:00 PM Session 2: **Patterns in a complex urban world**

Chair: Ward Rauws

How to visualize urban complexity, diversity and uncertainty through the impact analysis of Airbnb on contemporary cities | *José-Miguel Fernández-Güell*

Patterns of Un-Secured Areas in the Built Environment | *Dalit Shach-Pinsly*

When contradicting patterns of public space collide: The case of Palestinian

Israeli towns | *Maisa Totry-Fakhoury*

3:30 PM Coffee break

4:00 PM Urban Complexities, Textual Complexity: Hermeneutics as an Ethical Key for Planning | Roy Lavee and Moshe Lavee

Beersheva: A conversation with The Southern District Planner and with the City Architect

5:00 PM A tour in Beersheva as an evolving metropolitan center

7:00 PM End of the first conference day: out for dinner (own expense)

Thursday, November 8 | Ben-Gurion University of the Negev, Beersheba

8:30 AM Morning Coffee

9:00 AM Session 3: **Towards responsive governance**

Chair: Gert de Roo

Agile Governance: Opportunities and barriers for the adoption of IoT data in Manchester's urban governance | *Ulysses Sengupta, Deljana Iossifova, Amir Khorasani, and Robert Hyde*

A political-economic geography of informality | *Tomer Dekel*

10:00 AM Session 4: **Adaptive cities**

Chair: Jenni Partenan

Anti-Adaptive Urbanism | *Nurit Alfasi*

Getting grip on Adaptive Planning | *Ward Rauws*

Project-Based View of Urban Dynamics as a Basis for Analysis and Modeling | *Yulia Grinblat and Itzhak Benenson*

11:00 AM Coffee break

11:15 AM Workshop: **Emergent patterns of informal urban structures**

1:00 PM Short lunch break

1:30 PM Moving to Tel-Aviv via Jerusalem: A bus trip to Jerusalem

3:30 PM A meeting with Jerusalem's city planners

4:00 PM A tour in the Old City of Jerusalem

7:00 PM Dinner at a local restaurant (own expense)

9:00 PM Starting our way to Tel-Aviv (expected arrival: 10:00 PM)

Friday, November 9 | Tel Aviv university, Tel Aviv

9:00 AM Morning Coffee

9:30 AM Session 5: **Planners and planning: Coping with complexity**

Chair: Yodan Rofe

Planning for self-organization with complementary system of rule based and case based planning | *Jenni Partenan*

Planning from emerging patterns: the role of planners | *Paulo Silva*

Action and the city: Emergence, complexity, planning | *Stefano Cozzolino and*

Stefano Moroni

11:00 AM Coffee break

11:30 AM Session 6: **Modelling and measuring complex urban structures**

Chair: Paulo Silva

Urban movement: Between street networks complexity and cognitive simplification of distance | *Itzhak Omer*

Urban Structure and Complexity: Mathematical Modeling to Inform Policy | *David Burg*

Urban life cycles – when and where power laws? | *Dani Broitman, Itzhak Benenson, Daniel Czamanski*

Building digital societies: potential contributions of Micro-simulation and Big data in tourism research | *Inês Boavida-Portugal*

1:00 PM Wrapping up and going to lunch (own expense)