



Advanced Brainstorm Carrefour (ABC)

THE NEW DATA REVOLUTION IN REGIONAL SCIENCE – THE DILEMMA OF MORE MEASUREMENT AND BETTER MEASUREMENT

An International ABC organized by *The Regional Science Academy (TRSA)*

**In Honor of the Late Stan Czamanski
at
Tel- Aviv University
&
Technion – Israel Institute of Technology**

Israel, April 10-11, 2019

The Regional Science Academy (TRSA)
Scientific Programme of the ABC

Wednesday, April 10, 2019

Venue:

Alrov Institute for Real Estate Research, Coller School of Management, Tel Aviv University (Recanati Building – Room 430)

8:30-9:30 **Coffee**

9:00-9:30 **Greetings and Introductory Words in Honor of Stan Czamanski**

9:30-11:00 **SESSION 1:
REGIONAL SCIENCE PRACTICE: MEASUREMENT AS A BASIS
FOR POLICY**

Chair: **Aliza Fleischer** (Hebrew University, Israel)

*Demo-Economic Modeling: Czamanski's Early Contributions to the
Current Legacy*

Geoff Hewings (University of Illinois, USA)

City Sophistication

Carlos Azzoni (University Sao Paulo, Brazil)

The Data Revolution in Highway Level of Service Monitoring

Hillel Ben Gera (Ben-Gurion University, Israel)

11:00-11:30 **Coffee Break**

11:30-13:30 **SESSION 2:
CROSS-ROADS TO COMPLEXITY AND BIG DATA**

Chair: **Boris Portnov** (Haifa University, Israel)

Dashboards as a Tool for Urban Sustainability Policy

Karima Kourtit (JADS, The Netherlands)

Are We Ready for Mobility as a Service? Smartcard Data Says Yes!

Itzik Benenson (Tel Aviv University, Israel)

Complexity in the Cosmos: Toward a Theory of Everything in Regional Science

Laurie Schintler (George Mason University, USA)

Gravity Models in the Context of Spatial-Economic Interaction Principles

Waldemar Ratajczak (Mickiewicz University, Poland)

13:30-14:30

Lunch

14:30-16:00

**SESSION 3:
VOLUME AND QUALITY DILEMMAS IN SPATIAL
MEASUREMENT**

Chair: **Dafna Schwartz** (IDC, Israel)

Implications for Regional Science of the 'Rebuilding Macroeconomic Theory Project'

Kieran Donaghy (Cornell University, USA)

Improved Information Shock and Price Dispersion: A Natural Experiment in the Housing Market

Danny Ben-Shahar (Tel Aviv University, Israel)

Weak and Strong Dependence in Spatial Panel Data: The Case of Regional Investment Grants and FDI

Danny Felsenstein (Hebrew University of Jerusalem, Israel)

Thursday, April 11, 2019

Venue:

Technion – Israel Institute of Technology, Segoe Building

10:00-10:30

Coffee Break

10:30-12:30

**SESSION 4:
THEORETICAL PRECEDENTS AND IMPERATIVES**

Chair: **Dani Shefer** (Technion – Israel Institute of Technology, Israel)

May the Weberian Space-Economic Approach Offer an Alternative to the Usual Econometric General Equilibrium Modelling?

Luc-Normand Tellier (The University of Quebec at Montreal, Canada)

From Competition to Cooperation in Congested Traffic Networks

Eran Ben Elia (Ben-Gurion University, Israel)

Innovation Explained: An Analytical Model
Rafi Bar-El (Sapir Academic College, Israel)

Endogenous Growth in a Spatial Economy
Danny Czamanski (Western Galilee College, Israel)

12:30-13:30 **Lunch**

13:30-15:00 **SESSION 5:**
THE FUTURE OF REGIONAL SCIENCE AS AN OPERATIONAL SCIENCE

Chair: **Danny Czamanski** (Western Galilee College, Israel)

Challenges of Smart Urban Planning in the Third Data Revolution
Peter Nijkamp (JADS, 's-Hertogenbosch, The Netherlands)

A Perspective on Unmeasurable Cities
Peter Elmlund (Ax:son Johnson Foundation, Sweden)

Regional Science Publication Trends
Alan Murray (University of California in Santa Barbara, USA)

15:00-15:30 **SESSION 6:**
OPEN DISCUSSION ON THE FUTURE OF REGIONAL SCIENCE
Chair: **Danny Czamanski** (Western Galilee College, Israel)

15:30-16:00 **Coffee Break**

16:00-16:45 **SESSION 7:**
THE IMPACT OF REGIONAL SCIENCE ON PLANNING
Chair: **Karel Martens** (Technion – Israel Institute of Technology, Israel)

Regional Science and Spatial Planning: The Need to Re-Connect
Peter Batey (University of Liverpool, UK)