



1<sup>st</sup> INTERNATIONAL CONFERENCE ON:  
**CITIES AND THEIR GROWTH:  
SUSTAINABILITY AND FRACTALITY**

5-6 AUGUST 2010

**PRELIMINARY PROGRAM**

Venue: Faculty of Geographical and Geological Sciences, room no 21

**5 AUGUST (Thursday)**

9.00 – 10.00

**REGISTRATION**

10:00 – 10.30

**OPENING CEREMONY**

*Waldemar RATAJCZAK*, Director of the Institute of Socio-Economic Geography and Spatial Management

**WELCOME SPEECHES**

*Bronisław MARCINIAK*, Adam Mickiewicz University Rector

*Marek WOŹNIAK*, Marshal of the Wielkopolska Region

*Ryszard GROBELNY*, Mayor of Poznań

**PLENARY SESSION I**

10.30 – 11.15

*Denise PUMAIN* - Scalability and the future of cities: a multi-level approach

11.20 – 12.05

*Daniel A. GRIFFITH and Sandra Lach ARLINGHAUS* - Urban compression patterns: fractals and non-Euclidean geometries inventory and prospect

12.05 – 12.30

**COFFEE BREAK**

12.30– 13.15

*Paul LONGLEY, Michael BATTY and Nahid MOHAJERI* - Fractal Cities: Modelling Growth and Dynamics with New Digital Data Infrastructures

13.15 – 14.15

**LUNCH**

13.45 – 14.15

**PLENARY ROUNDTABLE SESSION**

**PLENARY SESSION II**

14.15 – 15.00

*Tadeusz MARKOWSKI* - Sustainable Urban Development versus Market and Institutional Failures -Challenge for New Public Governance

15.05 – 15.50

*Andrea HENKEL, Martin HAAG* - Mobility and growth – Local strategies for sustainable development

15.50 – 16.10

**COFFEE BREAK**

- 16.10 – 16.35 **Tadeusz STRYJAKIEWICZ** - Participation of the Institute of Socio-Economic Geography and Spatial Management, Adam Mickiewicz University in international research projects on cities
- 16.40 – 17.05 **Marek BRYL, Jowita MAĆKOWIAK** - Delimitation of the Poznań Metropolitan Area
- 19.00 - ... **FORMAL DINNER**

## 6 AUGUST (Friday)

### PLENARY SESSION III

- 9.00 – 9.45 **Peter NIJKAMP** - Behaviour of humans and behaviour of models in dynamic space
- 9.50 – 10.20 **Waldemar RATAJCZAK** – Fractal dimension of hexagonal city boundaries and the scaling coefficient
- 10.25 – 10.50 **Jan HAUKE, Tomasz KOSSOWSKI** – An analysis of labour market in metropolitan areas – spatial filtering approach
- 10.50 – 11.15 **COFFEE BREAK**

### PLENARY SESSION IV

- 11.15 – 11.40 **Kamila KALETA** - JESSICA Urban Development Funds - the EU policy instrument to support the sustainable transformation of (metropolitan) urban areas
- 11.40 – 12.05 **Aliki-Myrto PERYSINAKI** - Sustainable city and eco-district: new forms of urbanisation – fragmentation or compliation?
- 12.05 - 12.30 **Ola Anwar ROSTOM, Sherine Shafik ALY** - Enhancing the pedestrian experience in the sustainable city
- 12.35 – 13.00 **Monika MATUSIAK** - Planning for dynamic urban systems
- 13.00 – 14.00 **LUNCH**

### PLENARY SESSION V

- 14.00 – 14.25 **Ahmed SAEID** - City Boundary versus City Region within the Urban Spatial Structure of Wrocław
- 14.25 – 14.50 **Jakub VOREL**- Scenario-based simulation model of land use development
- 14.50 – 15.15 **Ada WOLNY** - Changes in land use structure of city outskirts according to decisions given by local administration
- 15.15 – 15.40 **Adam RADZIMSKI**- Housing market between regulation and liberalisation. Poznań case study.
- 15.40 – 16.00 **COFFEE BREAK**

### PLENARY SESSION VI

- 16.00 – 16.25 **Ewa KACPRZAK, Barbara MAĆKIEWICZ** - Land turnover as a marker of urban sprawl process in the Poznań metropolitan area
- 16.25 – 16.50 **Ahmed SAEID** - The Spatial Parameters of Agglomeration Economies within the Urban Structure of Wrocław
- 16.50 – 17.15 **Anna RUTKOWSKA-GURAK** - An innovative city: impact of innovations on city development
- 17.15 – 17.40 **Aleksander TÖLLE, Magdalena WADOWICKA** - Innovation Networks in Metropolitan Regions – the Case of Poznan and Berlin
- 17.40 - 18.00 **CLOSING CEREMONY**