



IGU COMMISSION ON "THE DYNAMICS OF ECONOMIC SPACES"  
COMMISSION DE L'UGI DES DYNAMIQUES DES SPACES ECONOMIQUES



## **IGU CDES 2019 Budapest Mini Conference on**

### **Rethinking Economic Geography in the Era of the Fourth Industrial Revolution: Manufacturing, Entrepreneurship, Employment and Industry 4.0**

**October 2-4, 2019 Budapest (Hungary)**

#### **Local Organizer:**

**Prof. Dr. Eva Kiss**

Geographical Institute

Research Centre for Astronomy and Earth Sciences

Hungarian Academy of Sciences

H-1112 Budapest

Budaörsi út 45.

Hungary

Email: [kisse@helka.iif.hu](mailto:kisse@helka.iif.hu)

*under the umbrella of*  
the International Geographical Union (IGU)  
Commission on 'The Dynamics of Economic Spaces' (DES)  
**IGU-CDES website:** <http://igu-cdes.ankara.edu.tr/>

## **Call for Papers**

In the course of history there were several industrial revolutions. Each of them had its special characteristics and own driving forces, which induced enormous changes in all fields of life. In the 21st century, after the latest economic crisis, the modern economy has to face newer challenges. We are at the dawn of a new era, which is the fourth industrial revolution. It is also known as industry 4.0 based on automation, digitalization and robotization. The new digital industrial technology contributes to the increasing networking and deepening vertical and horizontal integration. New technologies and the feats of industry 4.0 will have a great impact on the economy and society but to a different degree in time and space. Industry 4.0 results in the transformation of the operation of companies and breaking up value chains into smaller ones. Networks which are today already the fundamental units of economy will also transform. Industry 4.0 can be also connected to smart specialization which can promote the development of regions and reduce the spatial differences among them. From the aspect of the conference particularly important is, how the economy, mainly manufacturing, enterprises, employment and economic spaces will be affected.

New models of traditional industrial production are starting to develop which will bring very considerable changes. The borders between manufacturing and services, producers and consumers will be blurred. Traditional industrial production increasingly transforms and it will have geographical or spatial consequences too. The real world will merge with the virtual one, and this means a new economic space for human activity. Everything (location choice, production, manufacturing, services, enterprises, upgrading in value chains and labor force on macro and micro levels), the whole economic space and its dynamics will change and new challenges will appear. What are those regions where industry 4.0 is more advanced and why?



Will the center-periphery dichotomy increase further, or will new opportunities open for peripheries in the age of digitalization? All these changes, new approaches and new perspectives will be required from researchers. This conference in Budapest will offer a great opportunity to discuss these issues in detail.

We do hope that you will accept our call for papers and submit your **abstract by 20 July, 2019.**

### **Major thematic fields**

of the autumn conference focusing on the dynamics of economic spaces in connection with the fourth industrial revolution are the following:

- Economic Geography meets Industry 4.0, geographical perspectives
- Implementation of industry 4.0, smart manufacturing
- Sharing economy and platform economy
- Entrepreneurship and firm level adjustment
- New challenges for location choice and relocation
- Cooperation and competition: clusters, networks
- Upgrading in global value chains and 4<sup>th</sup> industrial revolution
- Transforming industrial spaces, central-peripheral regions
- Disruptive innovations and Industry 4.0
- Pressure on employment and labor
- Smart specialization and Industry 4.0
- Governmental attitudes and regional development policies,

### **Conference publication**

All papers presented at the conference will be considered for publication in an edited book of the Commission Series after the conference. Details: <https://www.routledge.com/The-Dynamics-of-Economic-Space/book-series/ASHSER1030> Another publication possibility for selected papers is the special issue of a peer-reviewed journal (Hungarian Geographical Bulletin) published in Hungary.

### **Important deadlines**

Deadline for Abstracts: 10 July, 2019

Notification about acceptance: 20 July, 2019

Registration deadline: 15 August, 2019

Date of Conference: 2-4 October, 2019.

Final version of papers: 30 November, 2019.

Publishing can be expected in 2020.



## Submission and Registration

### Guidelines to Abstract

Paper's abstract: up to 250 words in word format. The abstract should introduce the motivation, aim, methods, major results of the research including authors' names and titles, occupation, email address, affiliation/institutions

Keywords: up to 5 words.

**Submitting Abstract:** Abstracts should be submitted by 20 July 2019 to Prof. Eva Kiss ([kisse@helka.iif.hu](mailto:kisse@helka.iif.hu)) who is the local organizer of the conference.

### Conference fees

Participation fee: EUR 200

Postgraduate students: EUR 150

Gala dinner: EUR 30.

Field trip: EUR 50.

The fee includes coffee breaks, two lunches, welcome party, conference materials.

### Payments:

Bank transfer: to the account of the Geographical Institute

Details for transferring will be available soon.

## Conference Venue

The conference will take place in Budapest: in the main building of the Academy (Széchenyi square, at the foot of Chain bridge, Pest side). It is located in the centre of the city.

## Travel information

Budapest is the capital city of Hungary located in the centre of the country. International travel (flight, railway and road) connections are good.

## Program

**2 October** Opening ceremony, keynote speaker, one or two sessions and welcome party

**3 October** 9-11 Sessions 11-11,30 coffee break 11.30-13.30 Sessions 13.30-15 Lunch, 15-17 Sessions. 19- Gala Dinner (on a cruise with evening sight seeing on the River Danube)

**4 October** Field trip by bus from 9 to 19 pm.: to the town Esztergom, visiting Suzuki car factory in the industrial park: Industry 4.0 in practice on local level. Lunch in the town. Visiting the largest Basilica in Hungary. Returning back to Budapest on a different way in the Danube bend. Guiding on the bus on the history and development of the region.

## Conference website

The conference website will be available soon under the local organizer's website

[http://www.mtafki.hu/nyitolap\\_en.html](http://www.mtafki.hu/nyitolap_en.html)

All other details regarding the conference will be available soon. But if you have any questions regarding the conference, please ask Prof. Eva Kiss ([kisse@helka.iif.hu](mailto:kisse@helka.iif.hu)) who is the local organizer of the conference.