



University of Maribor

ESTABLISHED 1975

ADDRESS Slomškov trg 15, 2000 Maribor, Slovenia

WEB www.um.si

STUDENTS 19.369 (BA 15.294, MA 3497, PhD 577)

STUDY PROGRAMS 191

TEACHING STAFF 1.038

ADMINISTRATIVE STAFF 701

MEMBERS 17 faculties, library, dormitories

RESEARCH AND DEVELOPMENT

R&D strategy is based on Research and Innovation Strategy of Slovenia 2011-2020, Europe 2020 and Horizon 2020 priority »Societal challenges – Health, demographic change and wellbeing«.



IOT@UM

IOT@UM (Innovative Open Technologies), a regional development project, is a key mechanism for implementing R&D strategy.

It encompasses three interconnected parts: innovation, infrastructure and content.

INNOVATION

The logo for RAZ:UM is displayed within a red rectangular box. The text 'raz:um' is rendered in a white, pixelated, monospace-style font. The 'a' and 'z' are lowercase, while 'um' is lowercase. A small square is positioned above the colon.

raz:um

RAZ:UM

Research and Arts Zone at the University of Maribor is a key integrative part of UM's innovation ecosystem.

The primary objective is to establish and coordinate a student-, researcher- and entrepreneur-friendly environment and strengthen UM's leading position in terms of knowledge transfer in the region.

WEB raz.um.si

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“WITHOUT STUDENTS WE ARE NOTHING. WITHOUT PARTNERS WE HAVE NOTHING. TOGETHER WE CAN TAKE ON ANYTHING.”

A grayscale photograph of a city street scene. In the foreground, a river flows, with a bridge railing visible on the left. A person is walking on the bridge, and a dog is partially visible. The middle ground shows a parking lot with several cars. The background is filled with multi-story buildings, some with gabled roofs and others with flat roofs. The text "Every corner of the city has its own sound." is overlaid in white, centered in the image.

Every corner of the city has its own sound.

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Where am I?

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Node: Zvok (2882880815)

(no comment)

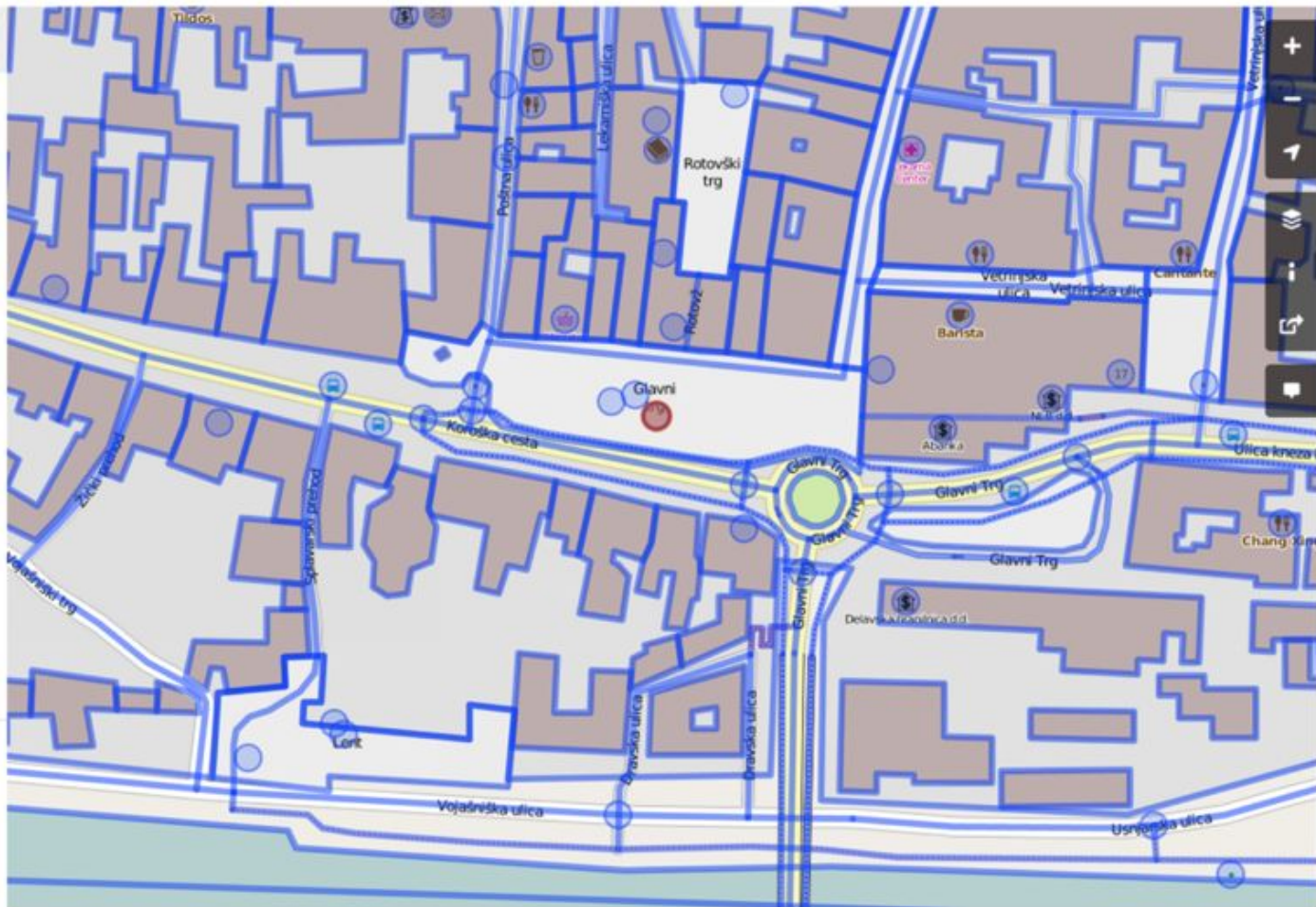
Edited 23 days ago by Srگا

Version #2 - Changeset #22575547

Location: 46.5575945, 15.6454146

Tags

name	Zvok
note	Datum snemanja: 3. april 2014 (11.53h) Izmerjena vrednost hrupa: 72db Vreme: sončno, 21°C, rahel veter Opombe: po trgu se giblje manj ljudi, frkventnost avtomobilov je velika
website	https://soundcloud.com/srga-1/glavni-trg

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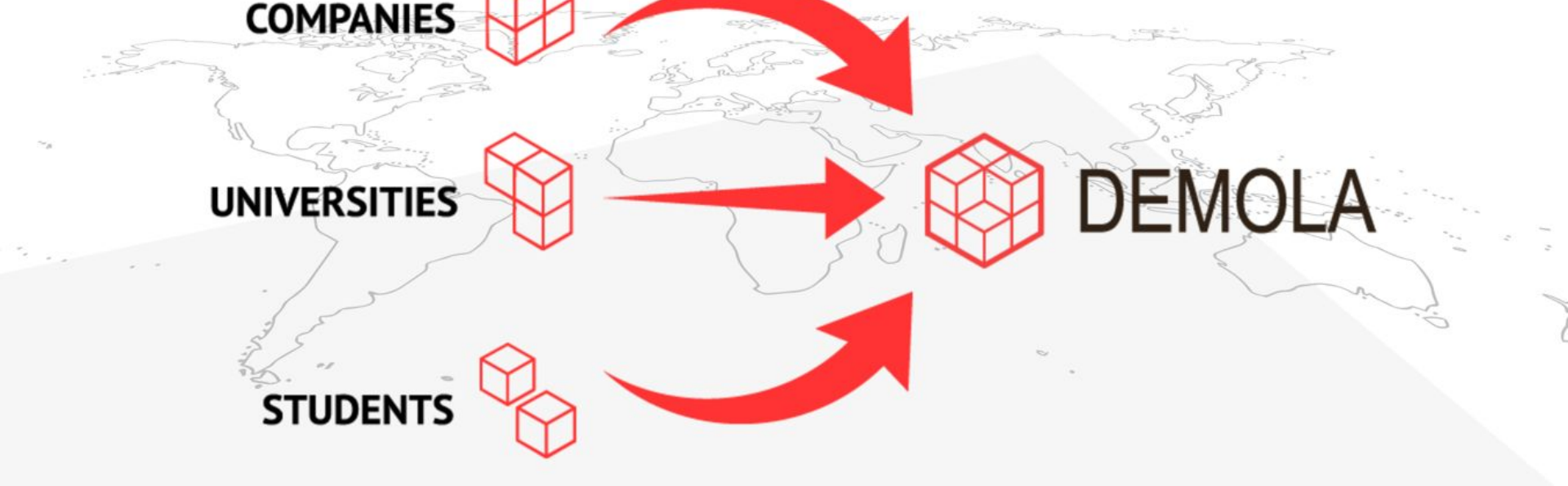
UNIVERSITIES



STUDENTS



DEMOLA



demola smart city concept

open platform for cooperation and prototyping
inclusive community
open data



Hotspotecosystem



Citizensourcing



Prototypecity



Cityportal



Cities as Organisms

Scaling and Networks in Urban, Social, and Biological Systems

19-20 February 2015 | University of Maribor, Maribor, Slovenia

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PARTICIPANTS

In his *City In History*, Lewis Mumford draws the image of city as a (social) organism when he writes of "village cells ... turned into complex structures, organized on axiate principle, with differentiated tissues and specialized organisms, and with one part, the central nervous system, thinking for and directing the whole."

There are many examples of comparing the complexity of cities to that of living organisms (i.e. scaling analysis), and many research attempts made to gain quantitative understanding of functioning and (social) organization of cities and dynamics of urban systems in general.

This interdisciplinary workshop will cover a range of different aspects and properties of complex systems, in particular network organization and scaling phenomena in urban, social, and biological systems. The main purpose of this workshop is to bring together researchers from different fields of research in order to exchange their experience and share their views. We will discuss the universality of methods applied to complex networks and scaling in different fields of research and discuss possibilities for cross-fields cooperation in some future interdisciplinary investigations.

We have invited experienced researchers to join the workshop that will be organized with a limited number of participants. This will enable better personal engagement in discussions on concrete problems, and herewith increase chances for future cooperation.

Main focus: cities, organisms, scaling, networks

ORGANIZERS

University of Maribor, Maribor

Center for Theoretical Study, Charles University & Academy of Sciences of the Czech Republic, Prague

Organizing Committee: Dean Korošak (UM), Marko Marhl (UM), Cyril Říha (CTS), David Storch (CTS)



my research interest in science of cities:

big data analytics and modeling (mobile phone data, ...)
network structure and scaling in urban systems
geomapping urban data

collaboration with:

Kousuke Yakubo, Hokkaido University, Japan

Markus Schlapfer, MIT and Santa Fe Institute, USA