

Places and Technologies 2015

KEEPING UP WITH TECHNOLOGIES TO MAKE HEALTHY PLACES

Nova Gorica, Slovenia, 18.–19.6.2015



PT2015

A healthy city is one that is continually creating and improving those physical and social environments and expanding those community resources which enable people to mutually support each other in performing all the functions of life and developing to their maximum potential.
Health Promotion Glossary (1998)

PROGRAMME OF THE MEETING

FRIDAY, 19 JUNE 2015_PINTA 1, PINTA 2 AND PINTA 3 CONFERENCE ROOMS

8:30–9:00 a.m. Registration

9:00–10:45 a.m. **PARALLEL Sessions 5, 6 and 7**

5. Architecture and Health I.

_Session chair: **Dr Saja KOSANOVIĆ**_Special guest lecturer: **Dunja SAVNIK WINKLER**

6. Physical Planning and Quality of Place I.

_Session chair: **Dimitrij KLANČIČ**_Special guest lecturer: **Prim Dr Vlasta VODOPIVEC**

7. Health Promotion, Protection and Prevention; Health Intensive Care; Active Living and Health

_Session chair: **Dr Milena VUKMIROVIĆ**_Special guest lecturer: **Simon BITEŽNIK**

_Special presentation_book: *Planning Capital Cities: Belgrade, Bucharest, Sofia*

10:45–11:15 a.m. Coffee break

11:15–1:00 p.m. **PARALLEL Sessions 8, 9 and 10**

8. Architecture and Health II.

_Session chair: **Dr Alenka FIKFAK**_Special guest lecturer: **Prim Dr Krunoslav MARGIČ**

9. Physical Planning and Quality of Place II.

_Session chair: **Sanja PAUNOVIĆ ŽARIĆ and MSc Irena RAJKOVIĆ**_Special guest lecturer: **Prim Franci KOGLOT**

10. Inclusive and Accessible Environment; Lifetime Communities and Participation

_Session chair: **Ilaria GAROFOLO**_Special guest lecturer: **Dr Alberto ARENGHI**

1:00 a.m.–2:30 p.m. Lunch break

2:30–4:15 p.m. **PARALLEL Sessions 11, 12 and 13**

11. Adaptive Reuse and Urban Renewal; Building Technologies

_Session chair: **Dr Anja JUTRAŽ and Sanja ŠTIMAC**_Special guest lecturer: **Mojca HUMAR**

12. Cultural Patterns and Sensitivity; Social Networks and Human Basic Needs

_Session chair: **Miha KONJAR**_Special guest lecturer: **Dr Matevž GORENŠEK**

13. Environmentally Friendly Transport

_Session chair: **Janez P. GROM**_Special guest lecturer: **Dr Igor KRANJEC**

4:15–4:30 p.m. Coffee break

4:30–5:30 p.m. **FINAL DISCUSSION and CLOSURE OF THE CONFERENCE**

Dr Milena VUKMIROVIĆ: NEW NETWORKING IN EU PROGRAMMES

5_8_Session_Topic_ARCHITECTURE and HEALTH

Session chair 5: **Dr Saja KOSANOVIĆ**

Special guest lecture: **Dunja SAVNIK WINKLER: DISABILITY OF HEARING**

9:00–10:45 a.m.

Session chair 8: **Dr Alenka FIKFAK**

Special guest lecture: **Prim Dr Krunoslav MARGIČ: ARCHITECTURE OF THE HAND**

11:15 a.m.–1:00 p.m.

Session 5

Lucia MARTINCIGH, Francesco BIANCHI, Dr Cecilia DE MARINIS, Marina DI GUIDA, Giovanni PERRUCCI:

UNIVERSITY AND DWELLERS' ASSOCIATIONS TOGETHER FOR CREATING SUSTAINABLE AND HEALTHY URBAN ENVIRONMENTS

Dr Eva VANIŠTA LAZAREVIĆ, Jelena MARIĆ, Dr Milena VUKMIROVIĆ, Dr Goran RADOVIĆ:

HEALTH CARE DESIGN REVISITED – NEW APPROACHES TO USER – CENTRIC, EFFICIENT AND EFFECTIVE DESIGN: EXPERIENCES OF MILITARY MEDICAL ACADEMY (MMA) IN BELGRADE – 3 DECADES AFTER ITS FAMOUS DESIGN

Dr Saja KOSANOVIĆ, Dr Alenka FIKFAK, Dr Mirko GRBIĆ: BUILDING MATERIALS AND HUMAN HEALTH: DESIGNERS' PERSPECTIVE

Dr Saja KOSANOVIĆ, Dr Eva VANIŠTA LAZAREVIĆ, Dr Slađan TIMOTIJEVIĆ: TOWARDS A NEW UNDERSTANDING OF HEALTHY PLACE

Session 8

Dr Dženana BIJEDIĆ, Dr Rada ČAHTAREVIĆ, Senaida HALILOVIĆ: HEALTHY ARCHITECTURE

AS A RESULT OF THE BALANCED INTEGRATION OF ARTIFICIAL AND NATURAL RULES

Dr Julija ALEKSIĆ: HEALTHY ARCHITECTURE FOR CHILDREN

MSc Magnus NICK, MSc Verena STECHER: MARGINALISATION OF LOCAL COMMUNITIES ALONG THE STRAIT OF SINGAPORE

Marko MATEJIĆ: THE SCALE OF ACUTE CARE HOSPITALS IN SERBIA – THE NEED FOR RETHINKING

Dr Goran RADOVIĆ: ARCHITECTURE AND HEALTHY LIVING SPACE



6_9_Session_Topic_ PHYSICAL PLANNING and QUALITY OF PLACE

Session chair 6: **Dimitrij KLANČIČ**

Special guest lecture: **Prim Dr Vlasta VODOPIVEC: THE CHALLENGE OF CARDIOVASCULAR DISEASE PREVENTION: IS HEALTHY LIFESTYLE THE ANSWER?**

9:00–10:45 a.m.

Session chair 9: **Sanja PAUNOVIĆ ŽARIĆ and MSc Irena RAJKOVIĆ**

Special guest lecture: **Prim Franci KOGLOT: SPORT INJURIES-TEHNOLOGIES-HEALTHY PLACES**

11:15 a.m.–1:00 p.m.

Session 6

Dr Velimir STOJANOVIĆ: DEVELOPMENT DIRECTIONS OF URBAN STRUCTURE THROUGH REGISTRATION OF CHANGES OF SEGMENTS OF URBAN COMPLEX

MSc Ivana SENTIĆ, Dr Ksenija HIEL: THE TRANSFORMATION OF THE SQUARE CARICA MILICA IN NOVI SAD (SERBIA)

Giovani SERGI, Carlo BERIO, Giulia CANTON, Giacomo CROVO: “VARESE LIGURE: AN ITALIAN RURAL MUNICIPALITY WHICH HAS IMPLEMENTED AN EXEMPLARY MODEL OF SUSTAINABLE DEVELOPMENT”

MSc Ina ŠUKLJE ERJAVEC, Dr Carlos SMANIOTTO COSTA: CYBERPARKS CHALLENGES - NEW DIGITAL MEDIA FOR ATTRACTIVE URBAN OPEN SPACES

Dr Jasna ČIKIĆ TOVAROVIĆ, Dr Jelena IVANOVIĆ ŠEKULARAC, Dr Nenad ŠEKULARAC: MEDIA ARCHITECTURE AND SUSTAINABLE ENVIRONMENTS

Dr Alenka TEMELJOTOV SALAJ, Svein BJØRBERG, Simon VRHUNEC, Dr Andrej BARIČIČ: IMPLEMENTATION OF NORWEGIAN EXPERIENCE TO SLOVENIAN HOSPITAL SECTOR

Dr Dijana SIMONOVIĆ: INTERWEAVING OF BANJALUKA’S URBAN AND RURAL LANDSCAPES

Dr Bob GIDDING, Dr James CHARLTON: DEVELOPMENT OF PUBLIC SQUARES IN NORTH WESTERN EUROPEAN CITIES CENTRES

Session 9

Lucia MARTINCIGH, Dr Cecilia DE MARINIS, Janet HETMAN: AN APPLICATION OF THE “ENVIRONMENTAL ISLAND”: A PRESCRIPTIVE TOOL TO CREATE HEALTHIER URBAN ENVIRONMENTS

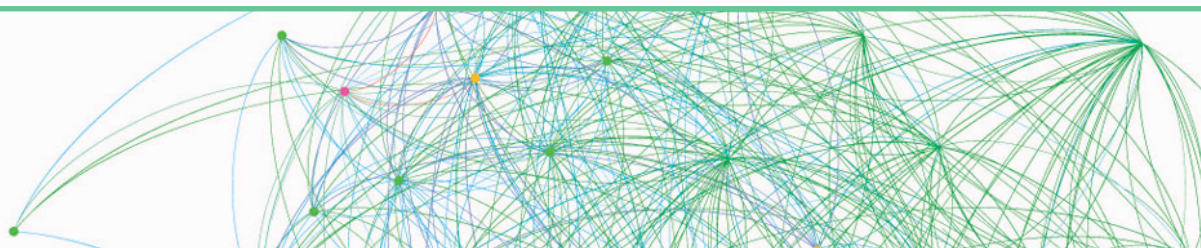
Anja KOSTANJŠAK, Morana PAP, Tena LAZAREVIĆ: MUSIC AND SOUND AS A TOOL INTO DESIGNING HEALTHIER ENVIRONMENT

Dr Florian NEPRAVISHTA: INDUSTRIAL HERITAGE IN ALBANIA AND THE OPPORTUNITIES FOR REGENERATION AND ADAPTIVE RE-USE

Branislav ANTONIĆ, Biserka MITROVIĆ: THE POSSIBILITIES OF THE APPLICATION OF THE CONCEPT OF HEALTHY CITY IN ILLEGAL SETTLEMENTS IN SERBIA

Filip PETROVIĆ: URBAN REGENERATION AS A TOOL FOR POPULATION HEALTH IMPROVEMENT

Hanna OBRACHT-PRONDZYNSKA: URBANIZATION OF METROPOLITAN AREAS – THE IMPORTANCE OF NEW SPATIAL DATA ANALYSIS TOOLS



7_Session_Topic_HEALTH PROMOTION, PROTECTION and PREVENTION

Session chair 7:

Dr Milena VUKMIROVIĆ

Special guest lecture:

Simon BITEŽNIK: REUMATIC DISEASES - DISABILITIES AND FUTURE PERSPECTIVE WITH NEW BIOLOGIC DRUGS

9:00–10:45 a.m.

Special presentation_book: Planning Capital Cities: Belgrade, Bucharest, Sofia

Editors: Doytchinov, Grigor/Djukic, Aleksandra/Ionita, Catalina

Publisher: Verlag der Technischen Universität Graz

Authors (alphabetic): Alexandru, M., Djukic, A., Doytchinov, G., Duda, M., Ganchev, H., Heppner, H., Ionita, C., Lazarevic, E.V., Roter-Blagojevic, M., Samardzic, N., Sebestyen, M., Stan, A., Stroe, M., Swoboda, H., Udrea, A., Valkanov, Y., Vukmirovic, M.

Dr Anne-Kathrin WILL: OUTDOOR GYMS: “NO MORE EXCUSES FOR PEOPLE WHO CANNOT AFFORD MEMBERSHIPS. GET OUT AND GET IN SHAPE!”

Dr Maddalena COCCAGNA: KEY POINTS OF HUMAN AWARENESS AND EMERGENCY PLANNING. SCHOOLS AS A CASE STUDY

Dr Nebojša ARSIĆ, Dr Jordan RADOSAVLJEVIĆ, Prim Nataša FIKFAK, Dr Saša ŠTATKIĆ: ANOTHER SIDE OF THE COMFORT OF LIVING – ELECTROMAGNETIC POLLUTION

Dr Lara SLIVNIK: RECOMMENDATIONS FOR UNIVERSAL DESIGN OF OUTDOOR LEISURE AND RECREATIONAL AREAS

7_Session_Topic_HEALTH INTENSIVE CARE

Nevena DUTINA, Aleksandra DUTINA; ANALYSIS AND CONTEMPORARY APPROACH OF SPACE DESIGN OF INTESIVE PSYCHIATRIC CARE UNIT

7_Session_Topic_ACTIVE LIVING AND HEALTH

Dr Aleksandra ĐUKIĆ, Dr Aleksandra STUPAR: OPEN PUBLIC SPACES FOR HEALTHIER CITIES

Nikola Z. FURUNDŽIĆ, Dijana P. FURUNDŽIĆ, Dr Aleksandra KRSTIĆ FURUNDŽIĆ: RESPONSIBILITY TO THE EMPLOYEES’ HEALTH UNAVOIDABLE IN THE CREATIVE AND INNOVATIVE DESIGN OF OFFICE SPACES

Katarina Ana LESTAN, Dr Ivan Eržen, Dr Mojca GOLOBIĆ: HEALTHY PLACES, ACTIVE PEOPLE

Dr Milena VUKMIROVIĆ, Dr Eva VANIŠTA LAZAREVIĆ: THE IMPACT OF QUALITY OF PEDESTRIAN SPACES ON WALKING AS A MODERATE PHYSICAL ACTIVITY



10_Session_Topic_INCLUSIVE and ACCESSIBLE ENVIRONMENT

Session chair 10: **Ilaria GAROFOLO**

Special guest lecture: **Alberto ARENGHI, MD Daniele MALGRATI, MD Michele SCARAZZATO:**

11:15 a.m.–1:00 p.m. **HEALTHY BUILDINGS: THE ICF CLASSIFICATION AS A DESIGNING TOOL**

Ilaria GAROFOLO, Barbara CHIARELLI: INCLUSIVE AND THERAPEUTIC URBAN ENVIRONMENT: INVOLVING USERS
IN THE DESIGN PROCESS

Silvia GRION, Paola COLONI: DEVELOPING INNOVATIVE SOCIAL HOUSING TO FOSTER INCLUSIVE COMMUNITIES

Lucia MARTINCIGH, Dr Cecilia DE MARINIS: URBAN PUBLIC SPACES ACCESSIBLE FOR ALL: A CASE STUDY IN A
HISTORICAL DISTRICT OF ROME

Dr Christian SUAUI, Dr Carmelo ZAPPULLA: ECOLOGICAL LANDSCAPE, PHYTODEPURATION AND MANMADE
WETLANDS IN MAGOK LAKE PARK, SEOUL

Urša KALČIČ, Janez P. GROM: ADVANCED SYSTEMS FOR IMPROVING COMMON HEALTH

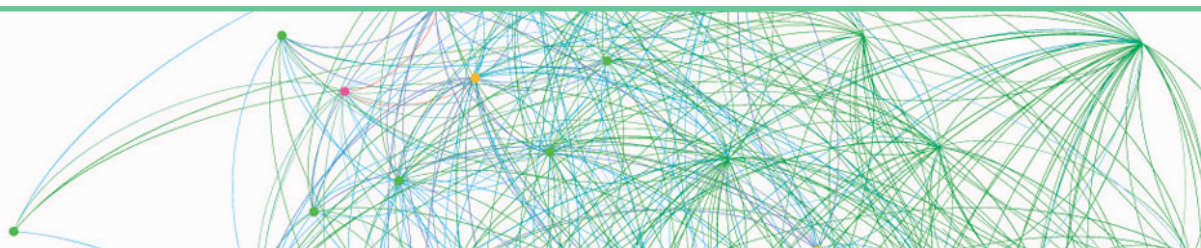
Dr Christine CHALOUPKA- RISSER, Daniel BELL: FACTS4Stops – USER NEEDS REGARDING PUBLIC TRANSPORT
STATIONS AND ENVIRONMENT

10_Session_Topic_LIFETIME COMMUNITIEs and PARTICIPATION

Adolfo BARATTA, Fabrizio FINUCCI, Annalisa METTA, Luca MONTUORI: COHOUSING FOR BUILDING REUSE

Dr Anja JUTRAZ, Sanja STIMAC: HOW TO DESIGN HEALTHY BUILDING FOR HEALTHY LIVING?
COMPLEX NETWORK OF HEALTH

Dr Višnja KUKOČ: PARTICIPATORY URBAN PLANNING AND PUBLIC POLICY



11_Session_Topic_ADAPTIVE REUSE and URBAN RENEWAL

Session chair 11: **Dr Anja JUTRAŽ and Sanja ŠTIMAC**

Special guest lecture: **Mojca HUMAR: ONCOLOGY DAY HOSPITAL: OUR EXPERIENCE**

2:30–4:15 p.m.

Francesca GUIDOLIN: SYSTEMS FOR THE REQUALIFICATION OF NON-LISTED ARCHITECTURE:
THE “ADAPTIVE EXOSKELETON”

Dr Jelena IVANOVIĆ ŠEKULARAC, Dr Jasna ČIKIĆ TOVAROVIĆ, Dr Nenad ŠEKULARAC: RECONSTRUCTION AND
REVITALIZATION OF THE COMPLEX SENARA, WITHIN THE MONASTERY HILANDAR, IN ORDER
TO ADAPT TO MODERN TRENDS AND SOCIAL CHANGES

Anita STOILKOV-KONESKI, Zoran KONESKI: BROWNFIELDS AS PLACES AND RENEWABLE ENERGY SYSTEMS AS
TECHNOLOGIES : POTENTIALS AND RISKS IN CASE OF SERBIA

Dr Lea PETROVIĆ-KRAJNIK, Dr Damir KRAJNIK, Dr Ivan MLINAR: LANDFILL JAKUŠEVEC IN ZAGREB – POTENTIAL FOR
NEW SPACE IDENTITY AND ENHANCEMENT OF QUALITY OF LIFE

11_Session_Topic_BUILDING TECHNOLOGIES

Dr Aleksandra KRSTIĆ-FURUNDŽIĆ, Dr Aleksandra ĐUKIĆ: RETROFITTING OF MULTI-FAMILY BUILDINGS TOWARDS
HEALTHIER SETTLEMENTS

Sanja PAUNOVIĆ ŽARIĆ, MSc Irena RAJKOVIĆ, Marija BOJOVIĆ: DAYLIGHT ANALYSES OF “READY-MADE” FAÇADES
WITH MODULAR OPENINGS - CASE STUDY LOCATION IN PODGORICA

MSc Irena RAJKOVIĆ, Sanja PAUNOVIĆ ŽARIĆ, Marija BOJOVIĆ: ACTIVE SOLAR SYSTEMS – STUDY OF POTENTIAL FOR
APPLICATION IN THE MATERIALIZATION OF TOURIST FACILITIES IN MONTENEGRO

Dr Ljubomir MIŠČEVIĆ, Dr Ivana BANJAD PEČUR, Dr Bojan MILOVANOVIĆ: PREFABRICATED PASSIVE HOUSE
VENTILATED FAÇADE PANEL SYSTEM WITH RECYCLED CONCRETE

Dr István KISTELEGI, Bálint BARANYAI, Dr Bálint BACHMANN: POTENTIAL ANALYSIS OF DYNAMIC, THERMAL BUILDING
SIMULATIONS AND DEVELOPMENT OF MEASUREMENT AIDED SIMULATION TECHNIQUE



12_Session_Topic_CULTURAL PATTERNS and SENSITIVITY

Session chair 12: **Miha KONJAR**

Special guest lecture: **Dr Matevž GORENŠEK: ARCHITECTS AND ORTHOPEDICS**

2:30–4:15 p.m.

Dr Egle NAVICKIENE: SENSE OF PLACE IN ARCHITECTURAL DESIGN: TOWARDS HEALTHY PLACES P&T 2015

Dr Gabriella MEDVEGY, Dr Gabor VERES: ARCHITECTURE AND ITS AFTERLIFE; GREEN URBANITY

Ana ŠPIRIĆ, Sanja TRIVIĆ: INVESTIGATION OF RELATIONSHIP BETWEEN CULTURE OF THE INHABITANTS AND
QUALITY OF HOUSING

Vladimir KOVAČ: UTOPIAN PROJECTS DRAWINGS AS INDICATORS OF MODERN SOCIETY NEEDS

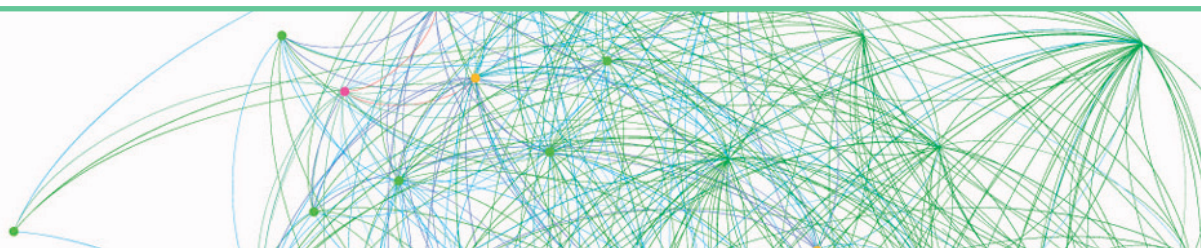
Svetlana STANAREVIĆ, Stevan TATALOVIĆ: YOUTH AND THE FEELING OF SAFETY IN PUBLIC SPACES

12_Session_Topic_SOCIAL NETWORKS and HUMAN BASIC NEEDS

Svea HEINEMANN: BEYOND THE QUANTIFIED SELF: A LOOK AT THE SOCIAL DIMENSION OF HEALTH

Alicja STEFANSKA: SKYSCRAPER'S PUBLIC AREAS: THE IMPACT ON SPACE AND SOCIAL LIFE

Dr Leila HABIBI, Hamid Reza FARPOUR: THE IMPACT OF SOCIAL NETWORKS USE ON REDUCTION OF DEPRESSION IN
CANCER PATIENTS



13_Session_Topic_ ENVIRONMENTALLY FRIENDLY TRANSPORT

Session chair 13:

Janez P. GROM

Special guest lecture:

Dr Igor KRANJEC: OPTICAL COHERENCE TOMOGRAPHY - GUIDED PRIMARY

2:30–4:15 p.m.

PERCUTANEOUS CORONARY INTERVENTION IN ACUTE MYOCARDIAL INFARCTION

Aleksandra ĐORĐEVIĆ, Ivana ČAVKA, Dr Olja ČOKORILO: SHIFTING TO MORE ENVIRONMENTALLY FRIENDLY MODES IN
LONG-DISTANCE TRANSPORT

Evgenia NIKOLAEVA YOSIFOVA: ASSESSING PUBLIC TRANSPORT EFFICIENCY IN THE CONTEXT OF SUSTAINABLE
DEVELOPMENT

Dr Dino ŠOJAT, Dr Davor BRČIĆ, Dr Marko SLAVULJ: THE ROLE OF PUBLIC TRANSPORT PRIORITY IN SUSTAINABLE
URBAN MOBILITY

Budimir SUDIMAC, Andjela DUBLJEVIĆ: APPLICATION OF PV MODULES ON NOISE BARRIERS

Ana TIVADAR, Stanko MANOJLOVIĆ, Simon PODKORITNIK: PLANNING OF ELECTRIC TRANSPORTATION
IN THE KRŠKO REGION

Bia MANDŽUKA, Dr Ljupko ŠIMUNOVIĆ, Mario ČOSIĆ: INTELLIGENT TRANSPORT SYSTEMS FOR SMART CITIES

PLACES AND TECHNOLOGIES 2015

KEEPING UP WITH TECHNOLOGIES
TO MAKE HEALTHY PLACES

18 & 19 JUNE 2015 | NOVA GORICA | SLOVENIA

PT 2015

Organizers:



Универзитет у Београду - Архитектонски факултет
University of Belgrade - Faculty of Architecture
www.arh.bg.ac.rs

University of Ljubljana
Faculty of Architecture



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Professional Association, Urban Laboratory, Serbia
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Masterom, usklađen sa standardima Evropske Unije

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