

SEPIP 2023



**12-13
October
2023**

 **Opening Ceremony 10.00 (TR) - 09.00 (MK)**

IBU Campus Skopje
Makedonsko-Kosovska Brigada bb 1000, Skopje/North Macedonia



Servicification of Manufacturing and Industrialization of Services

- Is software an industrial or a service product?
- AI and circular economy
- The use of artificial intelligence in manufacturing
- New themes in industrial policies
- Industry 4.0 and smart industrial policies
- Industrial digitalization
- Innovation policies in the era of digitalization
- Green economy and sustainable development
- Industrial policies for a green economy
- Industrial policy for a green development
- Green industrial policies and the global transformation of climate politics
- The economics of climate change
- Geopolitical uncertainties and industry
- Industrial policies and SME development

sepip.org

sepip2023ostimtechnik.edu.tr



OSTIM Technical University
YouTube Channel



TIKA



UNIVERSITÀ
DI PARMA



Universidad
Nacional
de San Martín



İİ
İSTANBUL TİCARET
UNIVERSİTESİ

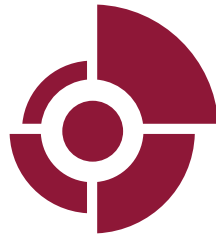


INDUSTRIAL POLICY

Live Broadcasting



**7th Annual Conference on
Smart Economic Planning and Industrial Policy
SEPIP 2023
12-13 October 2023
North Macedonia**



**OSTİM TECHNICAL
UNIVERSITY**
A N K A R A

**Conference - Sessions – Academic Presentations
Main Theme: Servicification of Manufacturing and Industrialization
of Services**

**International Balkan
University (IBU)
Skopje/North Macedonia
Phone: +389 2 55 15 000**

**www.sepip.org
sepip2023.ostimteknik.edu.tr**

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ABOUT SEPIP 2023

The aim of the Smart Economic Planning and Industrial Policy (SEPIP) Conference is to assemble academicians, researchers, practitioners, regulators and policymakers from around the globe under one roof, to take account of the proceedings of the previous conference, level of implementation of various resolutions of the previous years and share results of academic studies, exchange views, share experiences and discuss fresh ideas on industrial policy, economic planning, and related contemporary tools to support economic development and national competitiveness.

SEPIP aims at developing a platform that enables participants:

- to discuss practical motivations for national development planning with those now emerging in the globalized world economy;
- to present real-world experiences in industrial policy and planning by international scholars with firsthand experience;
- to discuss new tools and approaches to development such as physical infrastructure planning, industrial policy and cluster policy.

The first conference, SEPIP 2014, was held on June 4, 2014 at Istanbul Commerce University, with the collaboration of the University of Virginia, the University of Parma, and the National University of Singapore. It attracted great interest and there was a wide range of attendance at the conference from academicians as well as policymakers and practitioners.

SEPIP 2023 will be held on October 12-13, 2023 at the International Balkan University (IBU), North Macedonia and/or online platform. The main theme of SEPIP 2023 will be Servicification of Manufacturing and Industrialization of Services, the sub-themes will be; Is software an industrial or a service product?; AI and circular economy; The use of artificial intelligence in manufacturing; New themes in industrial policy for a green development; Green industrial policies and the global transformation of climate politics; The economics of climate change; Geopolitical uncertainties and industry; Industrial policies and SME development.

SEPIP 2023 will strive to strengthen the cooperation between developed and developing countries, public institutions and organizations, universities, and non-governmental organizations and the private sector. It will be a platform to bring all these actors together on a common ground.

GOALS

General objective

SEPIP aims to develop a platform for participants to discuss development and the role of industrial policy at national and regional levels; to compare early theoretical and practical motivation for national development planning with what is now emerging in the globalized world economy; to present real-world experiences of international academics with first-hand experience in entrepreneurship, innovation and industrial policy; to discuss new tools and approaches to economic development such as physical infrastructure planning, industrial policy and cluster policy. The organization, which has a design to bring all these actors together on a common ground, will be held online and physically.

THEMES

Main Theme

SERVICIFICATION OF MANUFACTURING AND INDUSTRIALIZATION OF SERVICES

Sub Themes

- Is software an industrial or a service product?
- AI and circular economy
- The use of artificial intelligence in manufacturing
- New themes in industrial policies
- Industry 4.0 and smart industrial policies
- Industrial digitalization
- Innovation policies in the era of digitalization
- Green economy and sustainable development
- Industrial policies for green economy
- Industrial policy for green development
- Green industrial policies and the global transformation of climate politics
- The economics of climate change
- Geopolitical uncertainties and industry
- Industrial policies and SME development

PARTICIPATION METHOD

- The SEPIP 2023 Conference, which will be held on October 12-13, 2023, will be held in person and online.
- The face-to-face event will be held at the International Balkan University, Skopje, North Macedonia.
- Participants who will participate online will make their presentations via Zoom and/or Teams platforms.

PRESENTATION FORMAT

The presentation format of the congress is shared as a PowerPoint file below and can be prepared by making edits on the file when clicked.

Scan the QR code to access the files



BENEFITS AND MERITS AS SPEAKERS AND PARTICIPANTS

Certificates of participation will be delivered to all congress attendees, as well as to the authors whose papers are accepted and presented at the event.

- Certificate of participation for speakers.
- Publication of scientific articles in the Industrial Policy, Foresight, Trends in Economics, Finance and Management Journal, IBU International Journal of Technical and Natural Sciences (IJTNS)

Note: The selected articles will be evaluated in relevant journals

SCIENTIFIC COMMITTEE

Prof. Dr. Murat Yülek, OSTİM Technical University, Türkiye

Asst. Prof. Dr. Serdar Serdaroğlu, International Balkan University, North Macedonia Prof. Dr. Violeta Madzova, International Balkan University, North Macedonia

Prof. Dr. Ali Akkemik, Fukuoka University, Japan

Prof. Dr. Aylin Ege, OSTİM Technical University, Türkiye Prof. Dr. Betül Gür, Istanbul Commerce University, Türkiye Prof. Dr. Erinç Yeldan, Kadir Has University, Türkiye

Prof. Dr. Gilberto Santos, Minho University

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Prof. Dr. Guillermo Rozenwurcel, UNSAM

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Prof. Dr. Ufuk Türen, OSTİM Technical University, Türkiye

Prof. Dr. Sadık Unay, Istanbul University Faculty of Economics, Türkiye

Prof. Dr. Ekrem Erdem, Erciyes University, Türkiye

Prof. Dr. Travis Taylor, Christopher Newport University, USA Prof. Dr. Turan Erol, Sabahattin Zaim University

Prof. Dr. Ünsal Sığırı, OSTİM Technical University, Türkiye Prof. Dr. Yusuf Balcı, Istanbul Commerce University, Türkiye

Prof. Dr. Hıgmet Kamberaj, International Balkan University, North Macedonia

Prof. Dr. Savica Dimitrieska, International Balkan University, North Macedonia

Assoc. Prof. Barış Alpaslan, Social Sciences University of Ankara, Türkiye Assoc. Prof. Christian S. Otchia, Nagoya University, Japan

Assoc. Prof. Bahar Erdal, OSTİM Technical University, Türkiye Assoc. Prof. Nurullah Gür, Medipol University, Türkiye

Assoc. Prof. Fatih Cemil Özbuğday, Ankara Yıldırım Beyazıt University, Türkiye Assoc. Prof. Sandrine Labory, University of Ferrara, Italy

Dr. Metehan Yağmur, Istanbul Technical University, Türkiye

Dr. Nathaniel Lane, Monash University, Australia

Dr. Rıza Bayrak, OSTİM Technical University, Türkiye Dr. Doğuş Yüksel, OSTİM Technical University, Türkiye Dr. Sabri Öz, Istanbul Commerce University, Türkiye

Dr. Serkan Bürken, OSTİM Technical University, Türkiye

Dr. Ünay Tamgaç Tezcan, University of Economics and Technology

ADVISORY COMMITTEE

Orhan Aydın, President, OSTİM Foundation/OSTİM OIZ İlhami Pektaş, Coordinator, OSTİM ARUS

Nurettin Özdebir, Chairman, Nuriş A.Ş.

Mirzahan Hızal, General Manager, Hızal Elektroerozyon L.T.D. Mustafa Bozkurt, Chairman, Hidromek A.Ş.

Mehmet Kaybal, Chairman, Meka Engineering

Assoc. Prof. Dr. Liza Alili Sulejmani, International Balkan University

ORGANIZATION COMMITTEE

Dr. Egehan Özkan Alakaş, Academician, Head of Organization Committee, OSTİM Technical University

Lec. Ayşe Atabey, Academician, Deputy Head of Organization Committee, OSTİM Technical University

Prof. Dr. Aleksandra Porjazoska Kujundziski, Academician, Content Base, International Balkan University

Asst. Prof. Ervin Domazet, Academician, Content Base, International Balkan University Dr. Zeynep Baysal, Academician, Project Specialist, OSTİM Technical University

Esmâ Bendeş, Deputy Gen. Sec., Media and Promotion, International Balkan University Erdem İşler, Head of Media Dpt., International Balkan University

Lec. Zehra Sever, Academician, Project Specialist, OSTİM Technical University Lec. Bora Öç, Academician, Social Media Expert, OSTİM Technical University Lec. Hilmi Bahadır Temur, Academician, IT Expert OSTİM Technical University Lec. Elif Nur Alparslan, Academician, Translator, OSTİM Technical University

Asst. Kristina Velickovska, Academician, Organization and Administration Issues International Balkan University

Asst. Ceneta Telak Durmishi, Academician, Organization and Administration International Balkan University

Saim Karabulut, Project Expert, OSTİM Technical University

Asst. Damir Rahmani, Academician, Organization and Administration International Balkan University Asst. Batuhan Cıkcılar, Project Assistant, OSTİM Technical University

Vjosa Saracini, Organization and Administration Issues, International Balkan University

Asst. Edita Mustafa, Organization and Administration issues, International Balkan University Asst. Şeyda Ok, Project Assistant, OSTİM Technical University

Asst. Şeyda Ok, Project Assistant, OSTİM Technical University

CALL FOR PAPERS

- You are invited to submit your scientific papers for SEPIP2023.
- Papers should be written in English, the official language of the event.

Deadlines:

DATES	EXPLANATION
15 September 2023	Abstract Submission Deadline
20 September 2023	Notification of acceptance/rejection
06 October 2023	Power Point Presentation Submission Deadline
12-13 October 2023	Conference Dates
31 October 2023	Full Paper Submission Deadline

Guidelines:

- Papers submitted to the conference must be unpublished work and not submitted for presentation or publication elsewhere.
- It is possible to submit papers not only in English but also in Turkish. All papers which are not written in English should include an additional abstract in English.
- Papers should be sent by email to sepip2023@ostimteknik.edu.tr in MSOffice Word format.
- Please provide an abstract area of ca. 150 to 200 words. The abstract should not contain any undefined abbreviations or unspecified references.
- Please provide 4 to 6 keywords that can be used for indexing purposes
- Authors should submit a brief biography with the final version of their accepted paper.

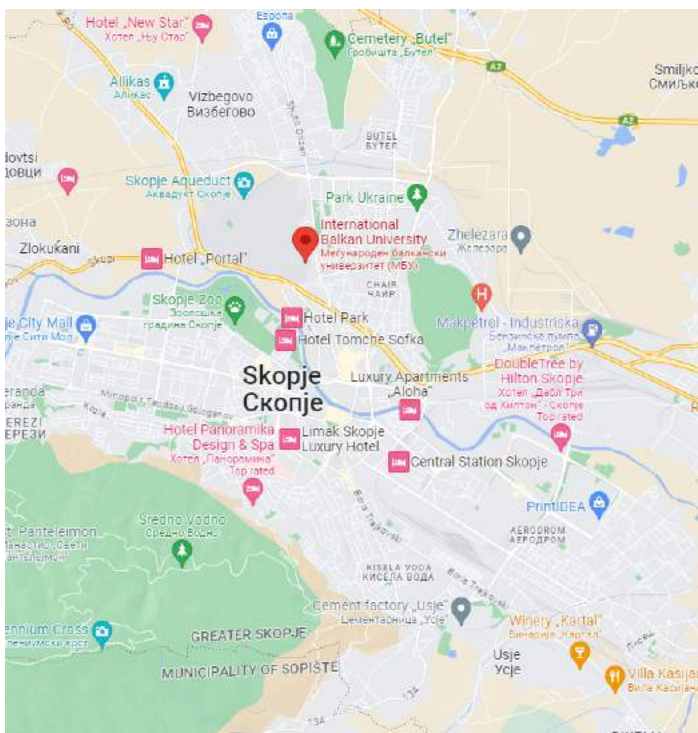
GENERAL INFORMATIONS

For up-to-date information and news about the conference, please check out the SEPIP website: sepip2023.ostimteknik.edu.tr or sepip.org

Dates & Conference Venue

On October 12th Tuesday and 13th Friday, the conference takes place at the campus of International Balkan University, Skopje, Makedonsko-Kosovska Brigada bb, Skopje, North Macedonia.

Please find bellow a partial map of Skopje which shows the location of the campus as well as the link to the Google map as follows: <https://goo.gl/maps/d2aXBb1RZGtjwAjU8>



There will be direction boards all over the Campus during the conference date.

Registration & Conference Desks

On arrival at International Balkan University, you will be orientated to the Conference Registration Desk (Block B, 2nd floor, in front of the Blue Amphitheater B-305) where you can register.

The desk will also serve as Information and Help Desk throughout the conference and workshop. You can always find members of Organizing Team for assistance.

GENERAL INFORMATION SESSIONS INSTRUCTIONS

Luggage & Cloakroom

At the main conference venue, there is a luggage and cloakroom near to the Conference Desk, where the luggage can be stored. Please be sure to collect all personal belongings at the end of each day.

Official Language

The official language of the conference is English, and in part Turkish. No simultaneous translation is provided.

GENERAL INFORMATION SESSIONS INSTRUCTIONS

There will be PC compatible projection equipment in the Blue Amphitheater, Block B, B305. The Amphitheater is equipped with a PC with USB ports, Microsoft Office, Adobe Acrobat Reader, and wireless Presenter. Presenters should bring PowerPoint Presentations to the Conference on a virus-free USB memory device. Technicians will be on hand throughout the Conference to assist all speakers with their presentations. Please arrive 10 minutes before your session to upload your presentation to the notebook before the session starts. Please note that each presenter has approximately 20 minutes for presentation and around 5 minutes for discussion. Each session has a chairperson. The conference program identifies the chairs for the sessions. They introduce the speaker and the speech/lecture; make sure that the time rules are followed; and manage the discussions following the presentations.

Lunch

No lunch is provided by the organizers. There is a lunch bar next to the Block B building, within the IBU Campus, where participants will be served a lunch from a previously prepared menu costing approximately 5 Euros (beverage included).

Wifi – Internet Access

During the conference, the university provides an open WIFI network “GUEST” with no password needed.

Printing Documents

In case of need for printing documents, you can take them from the Conference Desk. Also, copy shops are available at the campus; you can print documents by yourself.

Press & Communication Desk

Nearby the Conference Desk, there is a desk for the press. Please contact with the Organizing Team, to help you to contact a SEPIP2023 spokesperson.

General Information Conference Evaluation

An overall conference evaluation form has been placed in your Welcome Bag (and also in conference website). Please complete it, add any additional comments you wanted to make and hand in to the Conference Desk. Your answers and comments will be helpful in improving future SEPIP events.

GENERAL INFORMATION SESSIONS INSTRUCTIONS

Accommodation

There are abundance of hotels and other accommodation options in Skopje suitable for all budgets. Participants should make their own bookings (except invited speakers). Please note that registration to the conference does not include accommodation. It is your responsibility to arrange and pay for your accommodation.

Passports And Visa

Please check whether you require a visa to visit North Macedonia. If you need a Letter of Invitation to apply for visa, please contact the conference team via sepip2023@ostimteknik.edu.tr or sepip2023@ibu.edu.mk.

GENERAL INFORMATION

Currency: The official currency of North Macedonia is Macedonian denar (MKD). Currencies can be converted into Macedonian denars at exchange offices and banks.

The BUYING exchange rate for 1 EUR is 61.3 MKD, the exchange rate for 1 TRY is 1.6 MKD. Please see the following link for current exchange rates <https://www.halkbank.mk/exchange-rates.nsp>

Emergency Numbers: One can dial the following numbers in case of an emergency free of charge. The lines are available 24 hours a day.

Please call 194 for any medical emergency/ ambulance; for police dial 192; for fire dial 193; for traffic dial 196.

Skopje: The Capital of North Macedonia

Skopje is the capital of the Republic of Macedonia, the City that lies in the heart of the Balkan Peninsula, at the crossroad of important communications, a city with a 2000 years old tradition. Skopje is a modern city with population of almost one million and presents Macedonia's major political, economical, educational and cultural center. It continues to be a focus for new residents, economic development, construction and refurbishment. Skopje urban area extends across the Skopje valley for approximately 30 kilometers (18.75 mi) in width and comprises 10 municipalities.

Skopje also is a very attractive tourist destination with its fortress, cultural and historical monuments, archaeological sites, sport halls, caves in the canyon of the River Treska and Lake Matka and a health spa in the eastern part of the city.

Skopje is steadily becoming a vital regional route for international flight operators. The town with the beautiful quay of the Macedonian river "Vardar", the narrow streets in the Old Bazaar which is the biggest bazaar preserved in the Balkans today, the town is internationally famous for being the birthplace of Mother Teresa. He has blossomed into a thriving, stimulating city to explore, defining itself as an exciting tourist destination with the 1500 years old fortress Kale and monastery St. Pantelejmon with the fresco "Lamentation of Christ", with the first signs of the Renaissance, the Islamic monuments Sultan Murat's- Hjunker Mosque, the Daut Pasha's bath.

For more please visit:

<https://www.ibu.edu.mk/skopje-life/>

<https://www.europeanbestdestinations.com/destinations/skopje/>

<https://skopjeonline.com.mk/tourism/>

WHILE YOU ARE IN NORTH MACEDONIA

Bus

For passengers' shuttle bus (from city of Skopje to Skopje International Airport and from Skopje International Airport to city of Skopje), please check the shuttle bus timetable on the web page of the shuttle bus transportation company WTransporter, on the following link:

<https://www.wtransporter.com/#timetable>

One-way ticket price: 199 MKD

Working hours: 08:00h-20:00h

Contact:

V2V TRANSPORTER DOOEL

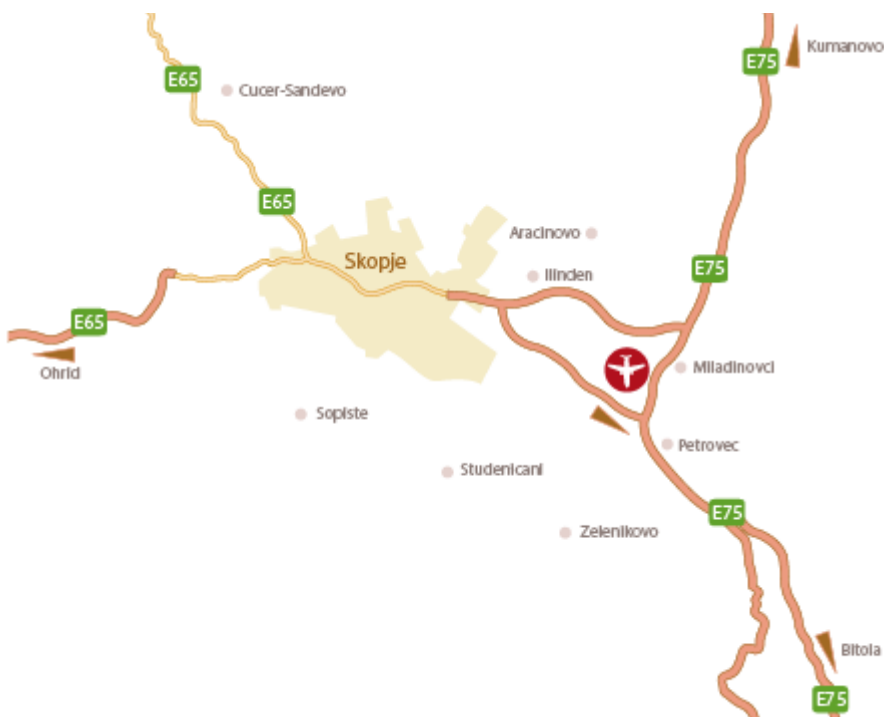
Phone numbers:

+ 389 (0) 2 3115 539

+ 389 (0) 70 233 882

www.wtransporter.com

Car



WHILE YOU ARE IN NORTH MACEDONIA

Taxi

The taxi services at Skopje International Airport are regulated by the price list which is exhibited at the exit of the airport and in each taxi vehicle separately.

The vehicles of the Airport taxi company are all in white color and marked with a taxi sign numbered from 1 to 65. Airport taxi is the only company which has been authorized by TAV Macedonia to transport passengers from Skopje International Airport.

The vehicles are parked at the exit of the airport building 24 hours a day, so there is no need for reservations.

If you need transportation for larger groups you can make an arrangement via the e-mail or phone stated below.

Transportation services are available from the airport to Skopje, across the country and neighboring Balkan countries.

WHILE YOU ARE IN NORTH MACEDONIA

Contact:

E-mail: elita-el@hotmail.com

Telephone: +389 70 813 037

Working hours: 17:00h - 00:00h

More information: <https://skp.airports.com.mk/en-EN/to-from-the-airport/page/taxi>

Rent A Car

There are 22 Rent-a-car agencies at Skopje International Airport

AVIS MACEDONIA

+389 2 2561 847

+389 71 273 919

00:00 - 24:00

www.avis.com.mk

info@avis.com.mk

DTTU SHARR EXPRESS - RENT A CAR

+ 389 70 209 578

+ 389 70 389 417

+ 389 44 350 380

00:00 - 24:00

EUROPCAR

+389 70 205 546

+389 75 205 546

+389 78 205 546

00:00 - 23:59

HERTZ AUTOMOBILE SK

+389 70 217 881

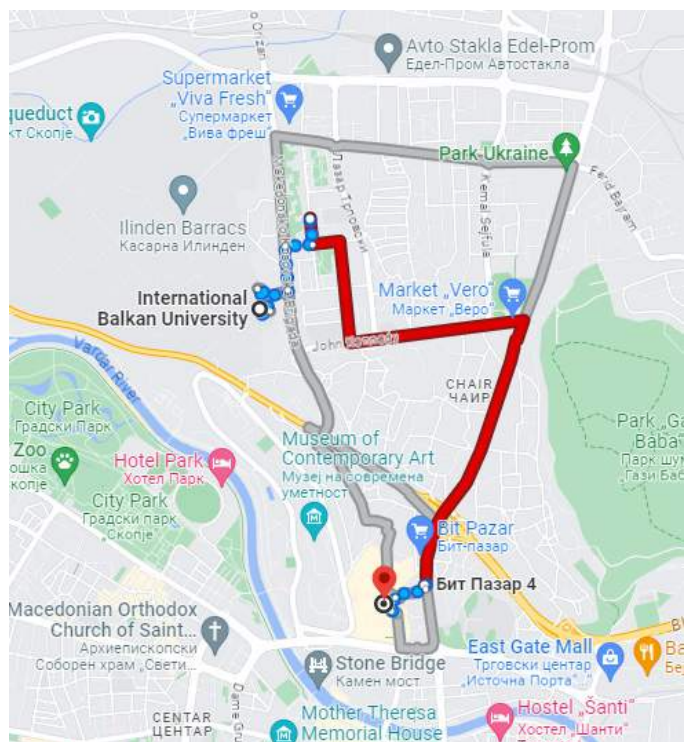
+389 72 270 667

17:00 - 24:00 (Mon-Fri)

For more Rent a car options, visit <https://skp.airports.com.mk/en-EN/to-from-the-airport/page/rent-a-car-from-the-airport>

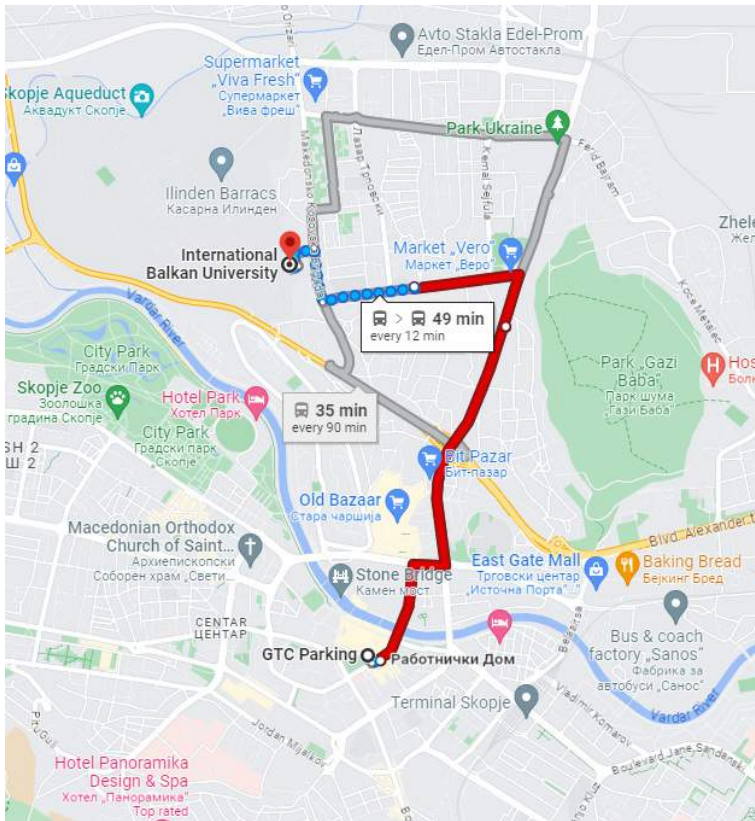
TRANSPORT TO INTERNATIONAL BALKAN UNIVERSITY (PUBLIC BUS)

FROM OLD BAZAR -IBU CAMPUS (JSP BUS NUMBER: 9)

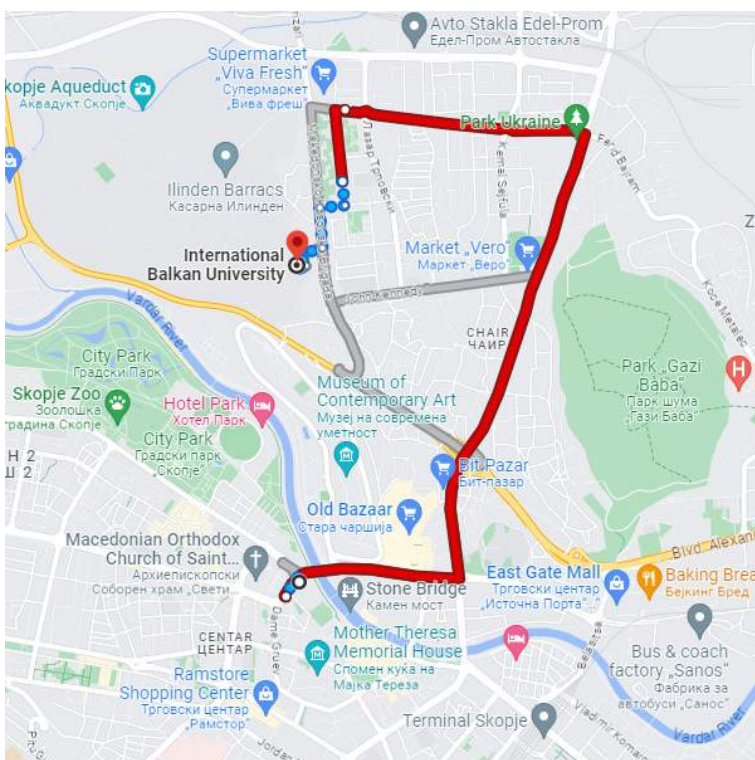


WHILE YOU ARE IN NORTH MACEDONIA

FROM GTC-IBU CAMPUS (JSP BUS NUMBER: 17A)



FROM CENTER POSTA 1 -IBU CAMPUS (JSP BUS NUMBER: 2 / 17A)



More information on <https://www.ibu.edu.mk/jsp-citybus-skopje/>

SUPPORTERS



TEXT FORMAT

EXHIBIT

Appendix

SUMMARY MODEL

I. SERVICIFICATION OF MANUFACTURING AND INDUSTRIALIZATION OF SERVICESARTIFICIAL

SERVICIFICATION OF MANUFACTURING AND INDUSTRIALIZATION OF SERVICES

SERVICIFICATION OF MANUFACTURING AND INDUSTRIALIZATION OF SERVICES

SURNAMES, Names.Author 1
Institution of affiliation, City, Country
orcid

SURNAMES, Names.Author 2
Institution of affiliation, City, Country
orcid

SURNAMES, Names.Author 3
Institution of affiliation, City, Country
orcid

Summary

Keywords: mot1, mot2, mot3, mot4, mot5

Abstract

Keywords: mot1, mot2, mot3, mot4, mot5

TEXT FORMAT

- Papers submitted to the conference should be unpublished work and not submitted for presentation or publication elsewhere.
- It is possible to submit papers not only in English but also in Turkish. It is important to note however that manuscripts not written in English should contain an additional abstract in English.
- Papers should be submitted by email to sepip2023@ostimteknik.edu.tr in MS Office Word format.
- Please provide an abstract of ca. 150 to 200 words. The abstract should not contain any undefined abbreviations or unspecified references.
- Please provide 4 to 6 keywords which can be used for indexing purposes.
- Authors should submit a brief biography with the final version of their accepted paper.

Title Page

- The title page should include:
 - The name(s) of the author(s)
 - The title of the paper
 - The affiliation(s) of the author(s), i.e. institution, (department), city, (state), country
 - If address information is provided with the affiliation(s) it will also be published
 - For authors who are (temporarily) unaffiliated with an official institution, we will only present their city and country of residence, not their e-mail address unless specifically requested. However, their emails should still be provided in the title page.
 - A clear indication and an active e-mail address of the corresponding author and other authors
 - If available, the 16-digit ORCID of the author(s)

Body of the Article

Text Formatting

Manuscripts should be submitted in Word.

- Use 12-point Times Roman for text.
- Use italics for emphasis.
- Use the automatic page numbering function to number the pages.
- Do not use field functions.
- Use tab stops or other commands for indents, not the space bar.
- Use the table function, not spreadsheets, to make tables.
- Use the equation editor or MathType for equations.
- Save your file in docx format (Word 2007 or higher) or doc format (older Word versions).