



UNIVERSITÀ
DI PARMA
DIPARTIMENTO DI SCIENZE
ECONOMICHE E AZIENDALI

Smart Economic Planning and Industrial Policy



SEPIP 2022



10-11
October
2022

Opening Ceremony 09.00 (TR)

Main Campus 3rd Floor Conference Hall

Manufacturing in the age of TESLA and Alexa

- Geopolitical uncertainties and industry
- Geopolitical risks
- New sources of productivity linkages across industry and high technology services
- Movements in global energy prices and energy supply and their effects on industrial policies
- Industrial policies and global supply disruptions
- Industrial policy for green development
- The political economy of industrialization, sustainable industrial development, capital-intensive vs labor-intensive industrialization
- What are the effects of main choices of macroeconomic policy in a given country on its industrialization process
- Premature de-industrialization in the world
- Can a services-led industrialization be a new opportunity for the developing world?

sepip.org
sepip2022.ostimtechnik.edu.tr



OSTİM Technical University
YouTube Channel



Universidad
Nacional
de San Martín



INDUSTRIAL POLICY
A Scientific journal dedicated to economic development and industrial policy



ISTANBUL TİCARET
UNIVERSITY

**6th Annual Conference on
Smart Economic Planning and Industrial Policy
SEPIP 2022
10-11 October 2022
Ankara**



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

**Conference - Sessions – Academic Presentations
Main Theme: Manufacturing in the age of TESLA and and Alexa**

**OSTİM Technical University
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**www.sepip.org
sepip2022.ostimteknik.edu.tr**

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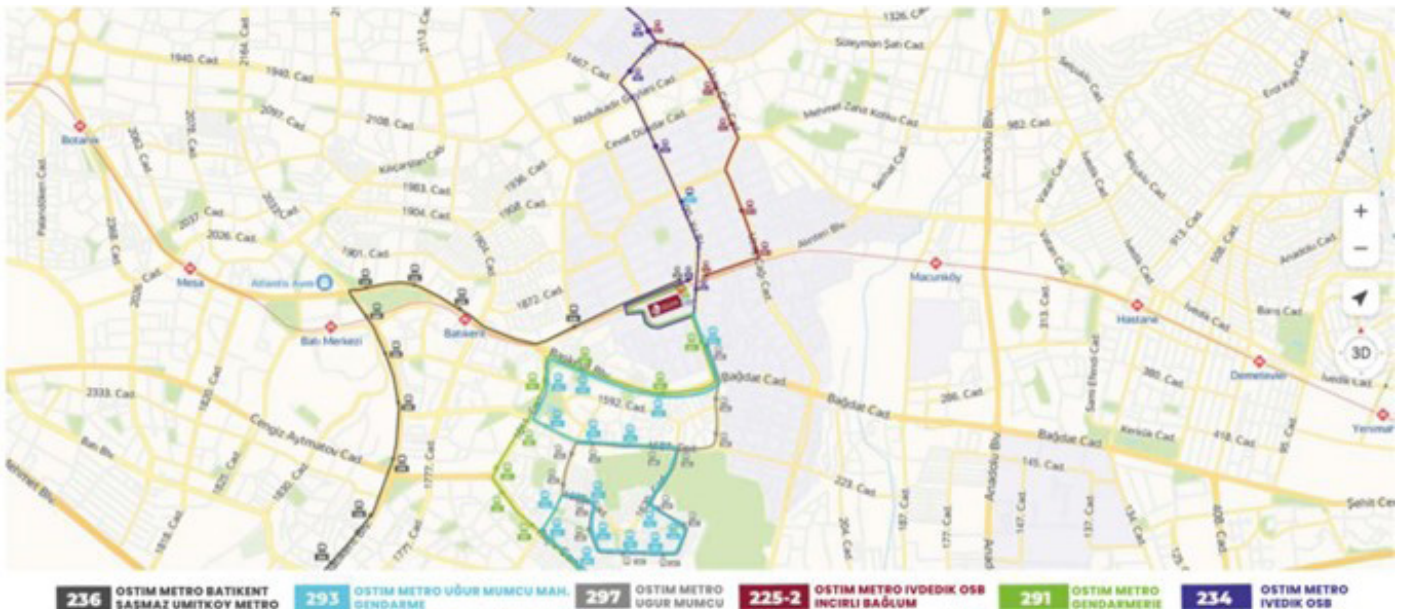
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ABOUT SEPIP 2022

The objective of the Smart Economic Planning and Industrial Policy (SEPIP) Conference is to assemble academicians, researchers, practitioners, regulators and policy makers from the globe under one roof, with a view 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 collaboration of University of Virginia, University of Parma, and National University of Singapore. It attracted great interest and there was a wide range of attendance to the conference from academicians as well as policy makers and practitioners.

SEPIP 2022 will be held on 10-11 October, 2022 at OSTİM Technical University Ankara and/or online platform. The main theme of SEPIP 2022 will be Manufacturing in the age of TESLA and Alexa. At SEPIP 2022, the sub themes will be;

- Geopolitical uncertainties and industry
- Geopolitical risks
- New sources of productivity linkages across industry and high technology services
- Movements in global energy prices and energy supply and their effects on industrial policies
- Industrial policies and global supply disruptions
- Industrial policy for green development
- The political economy of industrialization, sustainable industrial development, capital-intensive vs labor-intensive industrialization
- What are the effects of main choices of macroeconomic policy given in a country on its industrialization process
- Premature de-industrialization in the world
- Can a services-led industrialization be a new opportunity for the developing World?

SEPIP 2022 will strive to strengthen the cooperation between developed and developing countries, public institutions and organizations, universities, non-governmental organizations and the private sector. It will be a platform to bring all these actors together on a common ground.

SCIENTIFIC COMMITTEE

Prof. Dr. Murat Yülek, OSTİM Technical University, Turkey
Prof. Dr. Ali Akkemik, Yamaguchi University, Japan
Prof. Dr. Aylin Ege, OSTİM Technical University, Turkey
Prof. Dr. Betül Gür, Istanbul Commerce University, Turkey
Prof. Dr. Demiral Akbar, OSTİM Technical University, Turkey
Prof. Dr. Erinç Yeldan, Kadir Has University, Turkey
Prof. Dr. Fikret Şenses, Middle East Technical University, Turkey
Prof. Dr. Franco Mosconi, Universite degli Studi di Parma, Italy
Prof. Dr. Gabriel Bezchinsky, UNSAM
Prof. Dr. Guillermo Rozenwurcel, UNSAM
Prof. Dr. Johannes Wissema, OSTİM Technical University, Turkey
Prof. Dr. Kaoru Natsuda, APU Ritsumeikan University, Japan
Prof. Dr. Melih Bulu, Boğaziçi University, Turkey
Prof. Dr. Mustafa Erdoğan, Beykoz University, Turkey
Prof. Dr. Mustafa Polat, OSTİM Technical University, Turkey
Prof. Dr. Sabri Tekir, OSTİM Technical University, Turkey
Prof. Dr. Sadık Unay, Istanbul University Faculty of Economics, Turkey
Prof. Dr. Serhan Dağtaş, OSTİM Technical University, Turkey
Prof. Dr. Travis Taylor, Christopher Newport University, USA
Prof. Dr. Turan Erol, Sabahattin Zaim University, Turkey
Prof. Dr. Ünsal Sığrı, OSTİM Technical University, Turkey
Prof. Dr. Yusuf Balcı, Istanbul Commerce University, Turkey
Assoc. Prof. Bahar Erdal, OSTİM Technical University, Turkey
Assoc. Prof. Nurullah Gür, Medipol University, Turkey
Assoc. Prof. Sandrine Labory, University of Ferrara, Italy
Dr. Begüm Şahin, OSTİM Technical University, Turkey
Dr. Metehan Yagmur, Istanbul Technical University, Turkey
Dr. Nathaniel Lane, Monash University, Australia
Dr. Rıza Bayrak, OSTİM Technical University, Turkey
Dr. Sabri Öz, Istanbul Commerce University, Turkey
Dr. Serkan Bürken, OSTİM Technical University, Turkey
Dr. Ünay Tamgaç Tezcan, University of Economics and Technology

ADVISORY COMMITTEE

Orhan Aydın, President, OSTİM Foundation/OSTİM OIZ

Prof. Dr. Sübidey Togan, Bilkent University, Turkey

İlhami Pektaş, Coordinator, OSTİM ARUS

Nurettin Özdebir, Chairman, Nuriş A.Ş

Mirzahan Hızal, General Manager, Hızal Elektroerozyon Ltd

Mustafa Bozkurt, Chairman, Hidromek A.Ş

Mehmet Kaybal, Chairman, Meka Engineering

ORGANIZATION COMMITTEE

Egehan Özkan, Academician, Head of Organization Committee, OSTİM Technical University

Selim Girayalp, Specialist, Deputy Head of Organization Committee, OSTİM Technical University

Hilmi Bahadır Temur, Academician, Project Specialist, OSTİM Technical University

Bora Öç, Academician, Project Specialist, OSTİM Technical University

Huzeyfe Erkam Candan, Academician, Project Specialist, OSTİM Technical University

Barış Koçaş, Project Assistant, OSTİM Technical University

Başak Sönmez, Project Assistant, OSTİM Technical University

CALL FOR PAPERS

- You are invited to submit your scientific papers for SEPIP2022.
- Papers should be written in english, the official language of the event.

Deadlines:

DATES	EXPLANATION
23 September 2022	Abstract Submission Deadline
30 September 2022	Notification of acceptance/rejection
05 October 2022	Registration Payment Deadline
07 October 2022	Final paper submission deadline
09 October 2022	Final Program
10-11 October 2022	Conference Dates

Guidelines:

- 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 sepip2022@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.

SUPPORTERS



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**İSTANBUL TİCARET
ÜNİVERSİTESİ**

GENERAL INFORMATION

For up-to-date information and news about the conference, please check out the SEPIP website: sepip2022.ostimteknik.edu.tr or sepip.org

DATES & CONFERENCE VENUE

On October 10th Monday and 11th Tuesday , the conference takes place on the main Campus of OSTİM Technical University Ankara, 100. Yıl Bulvarı, No.55, F Blok, Ostim, Yenimahalle, Ankara-TURKEY.

At the end of the booklet, you will find a partial map of Ankara which shows the location of the campus.

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

REGISTRATION & CONFERENCE DESKS

On arrival at OSTİM Technical University, you will be orientated to the Conference Registration Desk, 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 with a recognizable costume. Don't forget to receive your conference Badge and Welcome Bag after registration.

BADGE

Please wear your personal name badge throughout the conference. The badges will be provided at the Registration Desk with your conference bag.

It is your ticket to all events and sessions, including coffee and lunch breaks and social events.

LUGGAGE & CLOAKROOM

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

SIMULTANEOUS TRANSLATION DESK

The official language of the conference is English, and in part Turkish. Simultaneous translation is provided into both English and Turkish except the parallel paper presentation sessions.

If you need interpretation, you can borrow the necessary equipment before entering the conference hall. This is a free service and you can borrow the headphones just by leaving your ID card (or passport) as deposit. After you return the headphones, you will receive your ID card back.

GENERAL INFORMATION

SESSIONS INSTRUCTIONS

There will be PC compatible projection equipment in each meeting room. All conference rooms are equipped with a notebook 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

Lunch will be served in the Dining Room of the campus, which is near to the conference hall. The exact time of lunch for each day can be found in the Program.

The conference badge also serves as a ticket for lunches.

WIFI – INTERNET ACCESS

During the conference, a free WIFI access is provided

PRINTING DOCUMENTS

In case of need for printing documents, you can send the files in pdf format to sepip2022@ostimteknik.edu.tr , at least 1 hour before you need them. Then, 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 SEPIP2022 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.

ACCOMMODATION

There are abundance of hotels and other accommodation options in Ankara 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 Turkey. If you need a Letter of Invitation to apply for visa, please contact the conference team via sepip2022@ostimteknik.edu.tr

WHILE YOU ARE IN ANKARA

Currency: The official currency of Turkey is Turkish lira, which is divided into subunits called as Kuruş. Paper currency has the forms of 5, 10, 20, 50, 100, and 200 TL banknotes. Metal currency has the forms of 5, 10, 25, and 50 Kuruş and 1 Lira (equal to 100 Kuruş).

Currencies can be converted into Turkish Liras at exchange offices and banks. It is suggested that you carry some Turkish Lira with you even if U.S Dollar and Euro are widely accepted by shopping centers, hotels and restaurants.

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 112 for any medical emergency/ ambulance; for police dial 155; for fire dial 110; for traffic dial 154.

ANKARA: CENTER OF CIVILIZATIONS IN ANATOLIA

Ankara was formerly called as “Ankuwash” by the Hittites, “Άγκυρα-Ānkyra” during the Hellenistic and Byzantine periods, “Ancyra” (which means “anchor”) by the Galatians and Romans. The last city name “Ankara” is slightly modified from “Ancyra”.

The history of Ankara goes back to the Hatti civilization of Bronze Age. In the 2nd millennium B.C., the city was conquered by the Hittites, in the 10th century B.C. by the Phrygians then followed by the Lydians, Persians, Macedonians, Galatians, Romans, Byzantines, Seljuks, and Ottomans. Starting from 1000 B.C., Ankara significantly grew in both size and importance during the period of Phrygians. For this reason, in Phrygian tradition, King Midas venerated as the founder of Ancyra. Galatians were the first to make Ankara their capital city. When the city was conquered by Romans, Ankara continued to be the capital city and the commercial, cultural and arts center as well. During the Seljuks’ and Ottomans’ periods, Ankara became an important location for transportation and natural resources. As a consequence of its strategic location in World War I and Turkish War of Independence, Ankara was declared to be the Capital City of Turkish Republic in October 13, 1923 and now it is the second biggest city of Turkey. It is “the heart of Turkey” concerning both its location and its function. Since Ankara housed many different civilizations and empires, its cultural heritage is very unique and precious. Çatalhöyük, King Midas Tomb, Mother Goddess, Cybele Statuette, Temple of Augustus and Alaeddin Mosque are some of the examples of this rich cultural heritage that can be traced in Ankara.

Don't Miss:

- Ulus is one of the oldest inhabited areas in Ankara. The Roman baths, now an open-air museum.
- The Julianus Column and Augustus Temple are some of the historical ruins in Ulus.
- The Anatolian Civilizations Museum has a unique collection of artifacts, artworks and remains of age-old Anatolia.
- Hacı Bayram-ı Veli Mosque from 14th century A.D. is situated in the vicinity of Ulus.
- The Grand National Assembly Building (First Senate House), the symbol of the Turkish Republic, today, is the Museum of Turkish Independence.
- The Mausoleum, where the founder of Turkish Republic, Mustafa Kemal Atatürk lies in eternal peace, represents the respect of Turkish people of their savior.
- Traditional Ankara houses in Inner Castle and Hamamönü are open-air museum destinations with their authentic streets, cultural and artistic events, hand-made products exhibited at the street corners, shopping stores promising novelties for all tastes and budgets.
- The districts of Ankara also offer an alternative outing for those who are willing to enjoy the quiet life of the countryside.
- Gourmets: Should definitely not miss the chance to taste the traditional kebabs, pastries, diverse kinds of baklava, Turkish coffee, ayran and syrups which are the most delicious specialties of Turkish culinary culture.
- Do not miss the opportunity to shop in Turkey offering fair prices and great variety of products from World famous brands to traditional trademarks.

There is a lot to experience in Ankara. For more please visit: <http://www.investinankara.org>
<http://www.kulturvarliklari.gov.tr>

TRAVELLING TO OSTİM TECHNICAL UNIVERSITY



Metro



Ankara has four different Metro lines which are connected to each other. There is a walking distance of just 1 minute between the OSTİM Station which is on root M1 (Törekent-Kızılay) of Ankara Metro. On this metro line, the transportation time between two stops is approximately 2 minutes.

The time taken from Ankara's centrally located Kızılay Metro Station, which is also the connecting point of all four metro lines, is about 22 minutes.

Transportation from OSTİM Technical University to Ankara Intercity Terminal Operations (AŞTİ) can be provided by passing from Kızılay metro stop to A1 Ankaray metro line. The total transportation time from OSTİM Technical University to AŞTİ takes approximately 32 minutes.

TRAVELLING TO OSTİM TECHNICAL UNIVERSITY



Minibus

Another way of accessing OSTİM Technical University is minibus.

Right in front of OSTİM Metro station and at a walking distance of about two minutes, there is a Minibus (Dolmuş) stop located. The Minibuses from here serve the routes towards

Etimesgut, Sincan and Fatih last stops The minibus journeys, from OSTİM Technical University take about 20 minutes to center of Etimesgut, about 36 minutes to the center of Sincan, and to Fatih it takes about 45 minutes.

It is possible to reach to other regions such as Keçiören, Ulus, Bahçelievler, Emek, Pursaklar, Saray, Şentepe, Karşıyaka, Yenikent, Yaprıcık, Eryaman, Akyurt and Kazan with the other minibus lines passing by the minibus stop across the OSTİM metro.



Public Bus

Taking OSTİM Technical University as the center, it is possible to travel in many directions by EGO public busses. The different routes are as under:

- 225- Bağlum İncirli OSTİM İvedik OSB
- 234- OSTİM Metro İvedik Organize Sanayi
- 235- OSTİM Metro Batıkent Şaşmaz Sanayi
- 236- OSTİM Metro Batıkent Şaşmaz Ümitköy Metro
- 291- OSTİM Metro Jandarma
- 293 OSTİM Metro Uğur Mumcu Mah. Jandarma
- 297- OSTİM Metro - Uğur Mumcu
- 414-2 Aktepe Demetevler OSTİM İvedik Organize Sanayi

TRANSPORT OPTIONS FROM ESENBOĞA AIRPORT

OSTİM Technical University can be accessed from Esenboğa in three different ways.



Taxi

At Ankara Esenboğa Airport, 24 hour Taxi service is available right in front of domestic and International arrival exit gates. The distance between Esenboğa Airport and OSTİM Technical University being 35 km, the travel takes around 40 minutes. The cost of transportation from Esenboğa Airport to OSTİM Technical University by taxi is approximately 100 Turkish Liras.



Airport Bus Service – Metro

Two companies are providing the bus service to and from the Ankara Esenboğa Airport. Out of these, Belkoair Airport Bus service can be used to go to Kızılay and Ankara Train Station and Ankara Intercity Bus Terminal (AŞTİ), and Havaş Airport Bus service for Ankara Intercity

Bus Terminal (AŞTİ). The same bus services can also be used to reach back Esenboğa Airport.

- If Balkoair is opted, the Metro stations of Ulus or Kızılay, which are on M1 line, can be used to travel to OSTİM Metro stop which falls on the same line, to reach OSTİM Technical University.

- If Havaş is preferred, A1 Ankaray Metro can be boarded from AŞTİ stop, transfer to M1 Ankara Metro at Kızılay stop and get off at OSTİM metro stop and reach OSTİM Technical University.

Travel times with airport shuttles are approximately 50 minutes and may vary depending on traffic conditions.

TRANSPORT OPTIONS FROM ESENBOĞA AIRPORT



Rent a Car Companies

Inside the Domestic and International arrival halls Rent a Car companies can be found. To reach OSTİM Technical University, cars can be rented easily from these companies according to individual preference and budgets. The names and contact numbers of some of the companies found on Ankara Esenboğa Airport are as follows:

- Avis Rent a Car +90 312 398 03 15
- Enterprise Rent a Car +90 312 398 21 66
- Europcar Rent a Car +90 312 398 21 66
- Hertz Rent a Car +90 312 398 05 35