

# SEPIP 2021



13-15  
October  
2021

sepip2021.ostimtekni.edu.tr

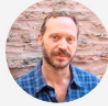
## Speakers



HE Tun Dr. Mahathir bin Mohammad  
Former Prime Minister



Dr. Johannes Wissema  
Professor, OSTİM Technical University



Dr. Gabriel Bezchinsky  
Professor, National University of San Martin



Eren Yilmaz  
Director, Industry 4.0 Innovation  
Stanley Black & Decker



Dr. Travis Taylor  
Professor, Christopher Newport University



Dr. Erinc Yeldan  
Professor, Kadir Has University



Dr. Piergiuseppe Fortunato  
UNCTAD



Dr. Sandrine Labory  
Associate Professor, University of Ferrara



Dr. Murat Yulek  
Professor, OSTİM Technical University



Dr. Mustafa Erdoğan  
Professor, Marmara University



Mohd Yusof Saari  
Chief Economist at EIS-UPMCS Centre for  
Future Labour Market Studies (EU-ERA)



Dr. Ali Akkemik  
Associate Professor, Yamaguchi University



Dr. Yakup Kepenek  
Professor, Middle East Technical University



Rafee Yusoff  
CEO & Executive Director,  
Perdana Dialogue Foundation



Christian Otchia  
Associate Professor, Nagoya University

Main theme for 2021:

## Varieties of Industrialization

- Is there just a single type of successful industrialization?
- Varieties and stages of industrialization pathways across time, regions and countries.
- Premature deindustrialization in the world.
- The spread of agro-industrialization along with the Newly Agriculturizing Economies (NAEs)
- New sources of productivity linkages across industry and high technology services
- Servicification of manufacturing:  
Can a services-led industrialization be a new opportunity for the developing world?  
Or, is it a farce?

sepip.org



# CONTENTS

- **ABOUT SEPIP 2021**
- **SCIENTIFIC COMMITTEE**
- **ADVISORY COMMITTEE**
- **ORGANIZATION COMMITTEE**
- **SUPPORT COMMITTEE**
- **CALL FOR PAPERS**
- **WORKSHOP**
- **SUPPORTERS**
- **GENERAL INFORMATION**

# ABOUT SEPIP 2021

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 economic development at national and regional levels and the role of industrial policy and planning;
- to compare early theoretical and 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 2021 will be held as a hybrid organization (online and face to face) on 13-15 October 2021 at OSTİM Technical University, Ankara. It is being organized by OSTİM Technical University with the valued support of Center for Economic Development and Policy, Columbia University; United Nations Conference on Trade and Development (UNCTAD); Turkish Cooperation and Coordination Agency (TIKA); Central Bank of Republic of Turkey (TCMB).

The main theme of SEPIP 2021 is Varieties of Industrialization.

Sub themes are as follows:

- The spread of agro-industrialization along with the newly agriculturizing economies. (NAEs)
- New sources of productivity linkages across industry and high technology services
- Can a services-led industrialization be a new opportunity for the developing world? Or is it a farce?
- Varieties of industrialization pathways across time and space
- Is there a certain type of successful industrialization?
- Premature deindustrialization in the world.
- What are the relationships between varieties of industrialization and varieties of capitalism which has been a trending topic in economics literature in the last decade?
- What are the effects of main choices of macroeconomic policy in a given country on its industrialization process?
- Does the policy set of Washington Consensus contribute or not, to the industrialization process of developing countries? Or does it trigger deindustrialization? How does its imposition result after four decades of its hegemony?
- Translation of a country's experience of industrialization to other countries.
- The Political Economy of Industrialization, Sustainable Industrial Development, Capital-intensive vs labor-intensive industrialization.

# SCIENTIFIC COMMITTEE

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

# ADVISORY COMMITTEE

Orhan Aydın, President, OSTIM Foundation/OSTIM OIZ

Prof. Dr. Selva Demiralp, Koç University, Turkey

Prof. Dr. Sübidey Togan, Bilkent University, Turkey

Prof. Dr. Meltem Dayıoğlu Tayfur, METU, Turkey

İlhami Pektaş, Coordinator, OSTIM 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

Pelin Karaca Kalkan, Academician, Project Specialist, OSTİM Technical University

Prof. Dr. Ali Akkemik, Academician, Yamaguchi University

Kuniaki Amatsu, Academician, Yamaguchi University

Jorge Tavares Borges, Academician, Yamaguchi University

# SUPPORT COMMITTEE

Faruk Akçeşme, Assistant Specialist, OSTİM Technical University  
Güliden Aydın, Press Coordinator, OSTİM Technical University  
Fikret Aydoğan, Purchasing Office, Satın Alma, OSTİM Technical University  
Cumhur Can, Department of Supporting Services, OSTİM Technical University  
Huzeyfe Candan, Research Assistant, OSTİM Technical University  
Yasemen Çalışkan, Consultant, OSTİM Technical University  
Hüsamettin Demir, Academician, OSTİM Technical University  
Orkun Can Dinçer, Research Assistant, OSTİM Technical University  
Barış Dolukan, Academician, OSTİM Technical University  
İmren Göksoy, Project Assistant, OSTİM Technical University  
Ali Osman Karcı-Executive Assistant, Rectorate, OSTİM Technical University  
Mahmut Orbay, Technical Specialist, OSTİM Technical University  
Bora Öç, Academician, OSTİM Technical University  
Koray Solak, Design Coordinator, OSTİM Technical University  
Hilmi Bahadır Temur, Academician, OSTİM Technical University  
Ase Topcu, Assistant Specialist, OSTİM Technical University  
Uğur Alkaçır, Specialist, OSTİM Technical University  
Ali Uçucu, Research Assistant, OSTİM Technical University  
Ece Uğurlu, Department of Construction and Technical Affairs, OSTİM Technical University  
Seray Yeşilırmak, Research Assistant, OSTİM Technical University  
Merve Nur Kara, Research Assistant, OSTİM Technical University  
Şeyda Ok, Research Assistant, OSTİM Technical University  
Zeynep Baysal, Research Assistant, OSTİM Technical University





# CALL FOR PAPERS

- You are invited to submit your scientific papers for SEPIP2021.
- Papers should be written in english, the official language of the event.

## **Deadlines:**

Please, remember the following important dates:

- Abstract & work in progress papers submission deadline: 31 August, 2021. (included)
- Notification of acceptance/rejection: 10 September, 2021.
- Final paper submission deadline: 24 September, 2021 (included)

## **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 [sepip2021@ostimteknik.edu.tr](mailto:sepip2021@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.



# GENERAL INFORMATION

For up-to-date information and news about the conference, please check out the SEPIP website: [sepip2021.ostimteknik.edu.tr](http://sepip2021.ostimteknik.edu.tr) or [sepip.org](http://sepip.org)

## **DATES & CONFERENCE VENUE**

On October 13th Wednesday and 14th Thursday , the conference takes place on the main Campus of OSTIM Technical University Ankara, 100. Yıl Bulvarı, No.55, F Blok, Ostim, Yenimahalle, Ankara-TURKEY and on October 15th, Friday, the Workshop will be conducted on the main campus of OSTIM Technical University, Ankara.

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 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 [sepip2019@ostimteknik.edu.tr](mailto:sepip2019@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 SEPIP2019 spokesperson.

## **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

## **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 [sepip2021@ostimteknik.edu.tr](mailto:sepip2021@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-Ànkyra” 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 OSTIM TECHNICAL UNIVERSITY



Ankara has four different Metro lines which are connected to each other. There is a walking distance of just 1 minute between the OSTIM 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 OSTIM TECHNICAL UNIVERSITY



## Minibus

Another way of accessing OSTIM Technical University is minibus.

Right in front of OSTIM 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 minibuses, from OSTIM 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 minibuses passing by the minibuses stop across the OSTIM metro.



## Public Bus

Taking OSTIM Technical University as the center, it is possible to travel in many directions by EGO public buses. 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