TEKPOL'ün kuruluşunun 20. yılı kapsamında gerçekleştirmeye başladığımız Pizza Seminerlerine 2020-2021 Akademik Yılı Bahar Dönemi'de yeni seminerlerle ve yeni formatımızda çevrim-içi olarak devam ediyoruz.

Dönemin ikinci Pizza Semineri **2 Nisan 2021** Cuma günü, saat **12:00-13:00** arasında Zoom üzerinden gerçekleşecektir.

"**Hybridization of Energy Systems: Some Methological Issues**" başlıklı seminer, ODTÜ Makina Mühendisliği Bölümü'nden **Prof. Dr. İskender Gökalp** tarafından sunulacaktır.

Kayıt olunması zorunludur. Kayıt formuna
https://forms.gle/qZGoXZdJ5Q2WWxiP6
bağlantısından veya görsel üzerinde bulunan karekod bağlantısından ulaşılabilmektedir.

Seminerden önceki perşembe gününe (1 Nisan 2021) kadar kayıt olmak mümkündür. Kayıtlı katılımcılarımıza seminer linki, 2 Nisan 2021 Cuma Sabahı iletilecektir.

İlgilerinize sunarız.

Bilim ve Teknoloji Politikası Çalışmaları – TEKPOL

Konuşmacımız Prof. Dr. İskender Gökalp Hakkkında:

Dr. İskender Gökalp received his Aeronautical Engineering degree from the Istanbul Technical University (1974) and a PhD on Combustion (1981) from Paris VI University (Université Pierre et Marie Curie). Between 1979 and 1983 he was assistant and associate professor at the Faculty of Mechanics of this university and he joined the French National Centre for Scientific Research in October 1983 as Senior Scientist. In 2003, he became the Director of the Laboratory of Combustion and Reactive Systems in Orleans. In 2007, he founded the Institute on Combustion, Aerothermal Sciences, Reactivity and Environment (ICARE) and was its Director until November 2016. In 2011, he founded the French Centre of Excellence on Chemical Kinetics and Aerothermodynamics of Clean and Safe Energy and Propulsion Systems (CAPRYSSES); he directed this Centre until November 2016.

His main research domains concern chemical energy conversion for energy generation and aerospace propulsion. Examples of his expertise areas are combustion systems for gaseous, liquid and solid fuels, mainly turbulent combustion, droplet and spray combustion, microgravity combustion, high pressure combustion, coal and biomass combustion and gasification, waste to energy topics (such as the disposal and valorisation of sewage sludge, food and agricultural waste, scrap tires), hydrogen generation and combustion, CO2 capture and valorisation, combustion technologies for aerospace propulsion.

He is the author of 165 publications referred in the WEB of Science core collection and has an H-Index of 33 with 3186 citations received without self citations. He supervised 70 PhDs in combustion and related domains at the University of Orléans. He had several national and international responsibilities, such as President of the Federation of the European Sections of the Combustion Institute (2001-2014). He was the Principal investigator of several French, European and International research programs on energy, combustion and propulsion topics with various academic and industrial partners. One such recent important program he coordinated was the EU funded project OPTIMASH (2011-2016) on the gasification of Indian

and Turkish high ash coals. He also has continuous activities in the social studies of science and technology areas, mainly on interdisciplinarity, social studies of science & technology, dynamics of network industries, both for Turkish and international socio-economic conditions.

Presently, he is an Emeritus research director at ICARE-CNRS, Orléans. In December 2019 he started a research professorship at the Middle East Technical University, Mechanical Engineering Department, in Ankara. This position is supported by the TUBITAK International Fellowship for Outstanding Researchers Program. He is also the CEO of the company IGDEAS Energy and Defence Technologies A.S. located at the Technopark of METU in Ankara

He is recipient of the French distinction “Chevalier des Palmes Académiques (2006) and of the Boris Gelfand Medal of the Russian Academy of Sciences (2014). He is a Fellow of the International Combustion Institute (2018).

Seminer hakkında:

Energy systems are examplars of "large scale socio-technical systems". They are supported by physical networks, such as electricity grids, gas infrastructures. They are shaped by a multitude of socio-technical f/actors, such as technological, economical, geo-political, environmental. They also shape several social spaces, including our social space-time. Energy systems are composed of several sub-systems, closely interacting with each other. They affect other large-scale socio-technical systems such as transportation, telecommunications, in fact globally all human activities and needs. Recently, hybridisation of energy systems became an important issue, especially in the post-fossil fuels and post-covid contexts. The seminar will discuss some methodological issues related to the analysis of energy systems new dynamics, unfolding the hybridization concept but also consolidating it with parent concepts such as superposition of networks and sector coupling.