



**YTU** YILDIZ TEKNİK  
ÜNİVERSİTESİ

## Graduate Seminar

**Title:** The Phillips Curve and Goodwin Model  
**Speaker:** Yasemin ÇALIŞ, Çemberlitaş High School & Istanbul Technical University, Türkiye  
**Date:** Friday, 29.12.2023 – 09:00  
**Place:** KMB-306

### ABSTRACT

The Phillips curve is a statistical relationship between unemployment and the rate of change of the money rate studied by Alban W. Phillips, a New Zealand economist, at the London School of Economics. In the early 1960s, the Phillips work generated empirical studies, however; many papers published in those years did not pay much attention to the evidence suggesting that the Phillips curve was not stable over time. Then, the link between the growth, cycles and the Phillips curve was introduced by Goodwin who transformed the conventional labour share model into a struggle between capitalists and workers. We will represent about this model and its extentions and especially two articles specifically examining these issues will be mentioned. We will then represent the analysis of the dynamic system of Goodwin model and its extensions.

### BIOGRAPHY

Yasemin Çalış was born in İstanbul, Turkey, in 1989. She received her Ms Degree in mathematical engineering in 2020 from Istanbul Technical University. She is currently PhD student in mathematical engineering at Istanbul Technical University and working as an IB Math teacher in Çemberlitaş High School. Her research interests include dynamics systems, time-delay systems.

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