ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΕΙΡΑΙΩΣ

ΣΧΟΛΗ ΧΡΗΜΑΤΟΟΙΚΟΝΟΜΙΚΗΣ ΚΑΙ ΣΤΑΤΙΣΤΙΚΗΣ

ΤΜΗΜΑ ΣΤΑΤΙΣΤΙΚΗΣ ΚΑΙ ΑΣΦΑΛΙΣΤΙΚΗΣ ΕΠΙΣΤΗΜΗΣ

ΠΡΟΣΚΛΗΣΗ

Σας προσκαλούμε στην **ομιλία** του **George Streftaris, School of Mathematical and Computer Sciences, Heriot-Watt University, UK** η οποία θα διεξαχθεί την **Παρασκευή 20 Οκτωβρίου 2023, ώρα 13:00** στην **Αίθουσα 336** (3ος όροφος, Κεντρικό Κτίριο) με θέμα:

Slowdown in mortality improvements: how have different causes of death contributed?

Abstract/Περίληψη: Improvement in overall mortality has slowed down over the last decade in several countries. In this talk we use data from England and Wales between 2001and 2018 to investigate the contribution of various causes of death to the overall mortality improvement slowdown. Our modelling suggests a breakpoint in mortality trends in England and Wales in 2011, after which time the rate of mortality improvement has been decreasing. The analysis shows that the biggest contributor to the slowdown has been a reduction in mortality improvements relating to circulatory diseases. Increasing mortality due to mental and nervous system illnesses has also played a significant role. On the other hand, mortality from cancer has continued to fall at a similar rate, and therefore has not contributed to the slowdown experienced in overall mortality. Our research also looked at future life expectancy under several cause-specific scenarios, under the assumption of a reversion of post-breakpoint mortality temporal trends for certain causes to pre-breakpoint improvement rates. Amongst other findings, our analysis suggests that for female life expectancy in 2028 to match a WHO improvement projection, all cause-specific mortality rates would need to revert to higher yearly improvements.