Πανεπιστήμιο Δυτικής Αττικής
Σχολή Μηχανικών

Τμήμα Μηχανικών Πληροφορικής και Υπολογιστών

ΠΜΣ «ΔΙΚΤΥΑ ΕΠΙΚΟΙΝΩΝΙΩΝ ΝΕΑΣ ΓΕΝΙΑΣ ΚΑΙ ΚΑΤΑΝΕΜΗΜΕΝΑ ΠΕΡΙΒΑΛΛΟΝΤΑ ΕΦΑΡΜΟΓΩΝ»

ΑΝΑΚΟΙΝΩΣΗ

Την Πέμπτη 16.02.2023 και ώρα 13:00 στην αίθουσα Κ16.218 του Τμήματος Μηχανικών Πληροφορικής και Υπολογιστών, η Καθηγήτρια της Σχολής Επιστήμης Υπολογιστών και Ηλεκτρονικών Μηχανικών και Κοσμήτορας της Σχολής Επιστημών και Υγείας του Πανεπιστημίου του Essex, UK, **κ. Μαρία Φασλή** θα δώσει διάλεξη με τίτλο:

Data Science and AI: Trends, Myths and Challenges

Περίληψη

The availability of cheap computational devices and the growth of the WWW and applications has led to the proliferation in the amount of data - both structured and unstructured. In turn, increased computational power, cheap storage and data proliferation have led to the development of new techniques in Data Science and unprecedented progress in Artificial Intelligence (AI). From powering recommendation engines to autonomous vehicles, AI has seen a reinvigoration in interest while industry and academia have been investing heavily to remain competitive and take advantage of the power of AI. But is AI a panacea and how much progress has really been made in the field? This talk will explore the trends, myths but also challenges that AI poses providing a critical perspective of the field and where the pitfalls may lie.

Σύντομο Βιογραφικό Σημείωμα

Prof Maria Fasli is the Executive Dean of the Faculty of Science and Health at the University of Essex, UK and the Director of the ESRC Business and Local Government Data Research Centre (BLG DRC). She was the founding Director of the Institute for Analytics and Data Science (IADS) (2014-19) and prior to that was the Head of the School of Computer Science and Electronic Engineering (2009-14) at the University of Essex. She obtained her BSc in Informatics from the Technological Educational Institute of Thessaloniki, Department of Informatics, Greece in 1996 and her PhD in Computer Science from the University of Essex in 2000 specialising in AI. She has held academic positions at the University of Essex since 2000 and various departmental and University level roles. In 2005, she was awarded a National Teaching Fellowship (NTF) by the Higher Education Academy UK for her novel approaches to education and supporting the student experience. In 2016, she was awarded the first UNESCO Chair in Analytics and Data Science to support the development of skills and research capacity in data science, analytics and artificial intelligence internationally and in developing countries in particular. Her research interests lie in artificial intelligence techniques for complex systems and analysing and modelling structured/unstructured data for a range of applications. Her research has been funded by Research Councils and other organisations (over £8M to date) and she has worked with a range of companies and public sector organisations in data analytics and artificial intelligence related projects. She has published over 130 papers in the field of AI and Data Science and has delivered keynote talks at international conferences and other events.