DATATHONS IN EVIDENCE-BASED MEDICINE: APPLYING OPEN SCIENCE PRINCIPLES TO SUPPORT CROSS-DISCIPLINARY EDUCATION AND RESEARCH (Workshop: OSFair2017)

Το μέλος ΔΕΠ του τμήματος **Μηχανικών Πληροφορικής του Τεχνολογικού Εκπαιδευτικού Ιδρύματος Στερεάς Ελλάδας**, Δρ. Χαράλαμπος Καρανίκας (http://www.opensciencefair.eu/speakers/haralampos-karanikas) σε συνδιοργάνωση με το **Massachusetts Institute of Technology - MIT** και την **Ιατρική Σχολή Αθηνών** πραγματοποιεί στα πλαίσια του OSFair2017 conference, διαδραστικό εργαστήριο (workshop) με τίτλο «Datathons in Evidence – based Medicine: Applying Open Science principles to support cross-disciplinary education and research» (https://goo.gl/2LGESt)

In this interactive workshop we explore how open science enables "datathons", events that bring together teams of researchers to work together on unanswered clinical questions. We begin by outlining the datathon model and describe our experiences in holding these events internationally. We then offer an opportunity to participate in an interactice exercise, working together to analyse highly detailed information collected from patients admitted to critical care units at a large tertiary care hospital. Participants will learn about open science in clinical research and gain an overview of MIMIC-III, a freely-available critical care dataset collected from over >50,000 hospital stays.