



ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ
ΠΟΛΥΤΕΧΝΙΚΗ ΣΧΟΛΗ - ΤΜΗΜΑ ΠΟΛΙΤΙΚΩΝ ΜΗΧΑΝΙΚΩΝ



ΣΕΙΡΑ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΔΙΑΛΕΞΕΩΝ
ΑΚΑΔΗΜΑΪΚΟΥ ΕΤΟΥΣ 2025-2026

Advanced sharing and on-demand transport services dimensioning and managing them

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Υβριδικό Σεμινάριο: **Αίθουσα Α**, [MS Teams](#)

Live Streaming: [ΔΙΑΥΛΟΣ](#), [YouTube](#)

Περίληψη: On-demand transport services are very effective to respond to needs of people moving but very expensive to supply; sharing services are effective only in areas where transport demand is isotropic and not in urban peripheries where they would be mostly needed.

However, combining different sharing services, new cost-effective ones can be implemented. TUSS - The Ultimate Sharing Services combines sharing and pooling to make last mile services cost-effective.

The service dimensioning is done as any on-demand service solving the DARP (Dial A Ride Problem). Methods algorithms and software will be presented.

