



אוניברסיטת בן-גוריון בנגב
Ben-Gurion University
of the Negev

The Faculty of Engineering Sciences

בימת דיקן הפקולטה למדעי ההנדסה

פרופ' יוסף קוסט, דיקן הפקולטה למדעי ההנדסה
מתכבד להזמין להרצאת אורח בימת הדיקן



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ירצה בנושא:

Impact of Technology Innovation on Project Productivity

Technology implemented in the execution of projects is of vital importance to project productivity. The construction industry represents approximately 8-10% of the gross domestic product in the U.S. and in most developed economies, excluding recession periods. Yet construction is considered to be one of the most inefficient industries due to a high level of fragmentation between project participants: project owners/investors, design professionals, technical and business consultants, contractors, subcontractors, and materials/tools/equipment suppliers. In recent years, Building Information Modeling (BIM) technology has rapidly transformed the information exchange and project coordination paradigms from inefficient and fragmented practices to just-in-time delivery of vital information to all project participants. Design professionals in mechanical systems design have led the way to BIM implementation, followed closely by architects, electrical systems designers and, to a lesser extent, structural engineers. Construction contractors have also shown interest and made significant headways in implementing BIM systems, but further progress is predicated on the contractors' ability to demonstrate significant savings from the use of BIM resulting from increase in construction field productivity. This lecture will present results from a recently completed study of major U.S. contracting firms who have either considered or actually implemented BIM software systems on their project sites. The study enables approximate quantification of savings obtained through the use of BIM on major project sites based on the experience of the contractors who participated in the study. Broader conclusions can be drawn in regard to various types of projects, including those in advanced manufacturing, service, and defense industries.

יום שני, י"ב באייר תשע"ג, 22 באפריל 2013

ההרצאה תחל בשעה 10:30

מכון אילזה כץ לננוטכנולוגיה (51) אולם 015

לפני ההרצאה יוגש כיבוד קל (10:00)