



סמינר - SEMINAR

הנדך מוזמן/ת להרצאה סמינריונית של הפקולטה להנדסת מכונות, שתתקיים ביום ב' 9.11.15
(כז' בחשוון, תשע"ו), בבניין דן-קאהן, קומה 0, באודיטוריום 1 בשעה 15:00.

ירצה:

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על הנושא:

A perspective on water desalination by capacitive deionization

להלן תקציר ההרצאה:

Capacitive deionization (CDI) is a fast-emerging technology which is most commonly applied to the desalination of brackish feedwaters. A traditional CDI cell consists of two static film porous carbon electrodes separated by a feed channel (a porous dielectric layer or open channel). The past decade, and in particular the past three years, has seen the emergence of numerous novel cell architectures, electrode materials, applications, experimental methods, and theoretical advances, completely revolutionizing this field. I will highlight the most promising recent developments, propose the standardization of CDI performance metrics, and also discuss possible future research directions for this growing field.

בברכה,

פרופ' מ' אמיץ
מרכז הסמינרים