

**לשכת המהנדסים והאדריכלים מתכבדת להזמין:
סדנה בנושא תאלמ"ג למתכננים מכניים
שתתקיים ביום שלישי בתאריך: 31/03/2020**

This one-day comprehensive Seminar provides the attendees with the necessary fundamental tools for identification and understanding of the electromagnetic phenomena related to enclosure and installation design of electrical and electronic equipment. The Seminar will emphasize the basic principles and practical applications of packaging and mechanical design, with mathematical derivations and calculations kept to the minimum necessary. The Seminar will cover most topics related to the discipline of mechanical and packaging design for EMC control, including shield design, electrical bonding, etc. Practical solutions to practical problems, as well as real life "case studies" are used as examples.

Schedule and Program:

08:30-09:00 Registration & Coffee

09:00-09:30 Introduction: What is EMI? EMC?

09:30-10:00 Principal EMI Coupling Modes

10:00-10:45 basics of shielding

10:45-11:00 Coffee break

11:00-11:45 Enclosure design for EMC

11:45-12:30 Bonding

12:30-13:30 Lunch Break

13:30-14:15 EMC external enclosure design techniques

14:15-15:00 EMC internal enclosure design techniques

15:00-15:15 Coffee break

15:15-16:00 Complex structures: cabinets and racks

16:00-17:00 Summary and Wrap-up + Question and answers.