



Π Ρ Ο Σ Κ Λ Η Σ Η

Η μονάδα Εφαρμοσμένου Ηλεκτρομαγνητισμού και Υπολογισμών σας προσκαλεί την **Πέμπτη 17 Ιουλίου 2014** και ώρα **13:00 – 14:00** στην **Αίθουσα Συνεδριάσεων Γ.Σ.** του Τμήματος Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών στη διάλεξη με θέμα:

Multi-scale Electromagnetic Modeling: Tackling Complexity by Exploiting Uncertainty

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Short CV: Andreas C. Cangellaris received his MS and PhD degrees in electrical and computer engineering from the University of California, Berkeley, in 1983 and 1985, respectively. Professor Cangellaris focuses his research in the area of applied and computational electromagnetics. His research activities include numerical techniques for electromagnetic field modeling; methodologies and computer tools for noise-aware design of the signal and power distribution networks in high-speed/high-frequency integrated circuits; computer-aided modeling of electromagnetic interference effects at the system level; and efficient numerical methodologies for analysis and design of MEMS. Professor Cangellaris has co-authored more than 200 journal and conference papers and five book chapters. He also co-authored the book, Multigrid Finite Element Methods for Electromagnetic Field Modeling. His work has been recognized through numerous awards including the Humboldt Research Award from the Alexander von Humboldt Foundation in Germany in 2005, Best Paper Award at the 1999 IEEE Topical Meeting on Electrical Performance of Electronic Packaging, IBM Faculty Partnership Award, and Outstanding Technical Paper Award at the Electronics Packaging Technology Conference in Singapore, in 2000. Professor Cangellaris is an IEEE Fellow. He has served as associate editor for IEEE Transactions on Antennas & Propagation and the IEEE Transactions on Microwave Theory & Techniques. Currently, he is the editor of the IEEE Press Series on Electromagnetic Wave Theory and associate editor for the IEEE Transactions on Advanced Packaging. Professor Cangellaris co-founded the IEEE Topical Meeting on Electrical Performance of Electronic Packaging.

Ο Διευθυντής της Μονάδας
Θεόδωρος Δ. Τσιμπούκης
Καθηγητής



Η εκδήλωση πραγματοποιείται στα πλαίσια της πράξης «**ACMIMS: Advanced Computational Modeling and Applications for Innovative Materials and Structures**» και συγχρηματοδοτείται από την Ευρωπαϊκή Ένωση (Ευρωπαϊκό Κοινωνικό Ταμείο – ΕΚΤ) και από εθνικούς πόρους μέσω του Επιχειρησιακού Προγράμματος “Εκπαίδευση και Δια Βίου Μάθηση” του Εθνικού Στρατηγικού Πλαισίου Αναφοράς (ΕΣΠΑ) – Ερευνητικό Χρηματοδοτούμενο Έργο: Αριστεία. Επένδυση στην κοινωνία της γνώσης μέσω του Ευρωπαϊκού Κοινωνικού Ταμείου.