

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

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ΟΝΟΜΑΤΕΠΩΝΥΜΟ : Ρογδάκης Εμμανουήλ του Δημητρίου

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Διπλ. Μηχανολόγος-Ηλεκτρολόγος ΕΜΠ, 1977

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ΠΑΝΕΠΙΣΤΗΜΙΑΚΗ ΘΕΣΗ

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ΔΙΕΥΘΥΝΤΙΚΕΣ/ΔΙΟΙΚΗΤΙΚΕΣ ΘΕΣΕΙΣ ΕΝΤΟΣ ΕΜΠ

Πρόεδρος της Σχολής Μηχανολόγων Μηχ/κων ΕΜΠ. (1/9/2005-31/8/ 2007)

Διευθυντής του Τομέα Θερμότητας της Σχολής Μηχανολόγων Μηχ/κων ΕΜΠ.
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Μέλος της Εταιρείας Αξιοποιήσεως και Διαχειρίσεως της Περιουσίας του Εθν. Μετσόβιου Πολυτεχνείου, (2008-σήμερα).

Μέλος της Επιτροπής Διαχείρισης Ειδικού Λογαριασμού ΕΜΠ : (2001-2002)+(2002-2003)

Μέλος της Συγκλήτου : (1997-1998) + (2000-2001) + (1/9/2005-31/8/ 2007).

Μέλος της Ειδικής Διατμηματικής Επιτροπής (ΕΔΕ) του ΔΠΜΣ «Παραγωγή και Διαχείριση Ενέργειας» : (2012- σήμερα)

Μέλος του Προεδρείου της Ειδικής Συγκλητικής Επιτροπής Εργαστηρίων : (2011- σήμερα)

ΔΙΕΥΘΥΝΤΙΚΕΣ/ΔΙΟΙΚΗΤΙΚΕΣ ΘΕΣΕΙΣ ΕΚΤΟΣ ΕΜΠ

Μέλος της Ρυθμιστικής Αρχής Ενέργειας : (11/2005 – 11/2010)

Αντιπρόεδρος Διοικητικού Συμβουλίου ΚΑΠΕ : (2004 – 11/2005)

Μέλος ΔΣ Τεχνολογικού-Πολιτιστικού Πάρκου Λαυρίου, (2004-σήμερα).

Μέλος Διοικητικού Συμβουλίου ΔΕΗ : (1992-1993)

ΣΥΜΜΕΤΟΧΗ ΣΕ ΣΥΜΒΟΥΛΙΑ ΚΑΙ ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΕΠΙΤΡΟΠΕΣ

- Μέλος Επιστημονικής Επιτροπής Ειδικότητας Μηχανολόγων ΤΕΕ και Αντιπροσωπείας Τεχνικού Επιμελητηρίου Ελλάδος : (1994-1997) + (2002-2004)
- Πρόεδρος της Επιτροπής ΥΠΑΝ (Δ6/Β/7462/21-04-2005) για την εναρμόνιση της Οδηγίας 2004/8/ΕΚ για την προώθηση της συμπαραγωγής ηλεκτρισμού και

θερμότητας. / Μέλος της Επιτροπής ΥΠΑΝ (7771/18-11-2004) για το περιορισμό της αέργου ισχύος (βελτίωση συνφ)

- Μέλος της Μόνιμης Επιτροπής Ενέργειας ΤΕΕ : (2004-2005)

Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών «Παραγωγή και Διαχείριση Ενέργειας»

- ΘΕΡΜΟΔΥΝΑΜΙΚΗ ΚΑΙ ΜΕΤΑΔΟΣΗ ΘΕΡΜΟΤΗΤΑΣ (Συντονιστής και Διδάσκων του μαθήματος)

Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών «Περιβάλλον και Ανάπτυξη»

ΚΑΘΑΡΕΣ ΤΕΧΝΟΛΟΓΙΕΣ (Διδάσκων του μαθήματος (2001-2002) + (2002-2003))

ΠΑΝΕΠΙΣΤΗΜΙΑΚΗ ΚΑΙ ΕΚΠΑΙΔΕΥΤΙΚΗ ΠΕΙΡΑ

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1997-2003 : Αναπλ. Καθηγητής της Σχολής Μηχανολόγων ΕΜΠ.
1992-1997 : Επικ. Καθηγητής της Σχολής Μηχανολόγων ΕΜΠ.
1989-1992 : Λέκτορας της Σχολής Μηχανολόγων ΕΜΠ.

ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΣΥΝΕΔΡΙΑ

1. International VDI-Seminar, ORC-HP-Technology, Zurich, Switzerland, 1984
2. International AMSE Conference on Modelling and Simulation, Athens, Greece, 1984
3. International AMSE Conference on Modelling and Simulation, Monastir, Tunisia, 1985
4. 24th International Conference of the Mediterranean Cooperation for Solar Energy (COMPLES), Verona, Italy, 1986
5. Winter Annual Meeting of the American Society of Mechanical Engineers, Anaheim, California, 1986
6. XVII International Congress of Refrigeration, Vienna, Austria, 1987
7. American Society of Mechanical Engineers, Proceedings of the 1988 WA Meeting, Advanced Energy Systems Division, Chicago, IL, 1988
8. 3^ο Εθνικό Συνέδριο για τις Ήπιες Μορφές Ενέργειας, Θεσσαλονίκη, 1988
9. Second World congress on Heating, Ventilating, Refrigerating and Air Conditioning - CLIMA 2000, Sarajevo, Yugoslavia, August, 1989
10. Winter Annual Meeting of the American Society of Mechanical Engineers, San Francisco, California, 1989

11. 1st International Conference on Advanced Computational Methods in Heat Transfer, Portsmouth, U.K., 1990
12. Winter Annual Meeting of the American Society of Mechanical Engineers, Dallas, Texas, 1990
13. International Conference on the Analysis of Thermal and Energy Systems, organized by the Thermal Section of the National Technical University of Athens and the American Society of Mechanical Engineers, Athens, 1991
14. Winter Annual Meeting of the American Society of Mechanical Engineers, Atlanta, Georgia, 1991
15. 3rd International Conference "Energy and Building in Mediterranean Area" organized by the Standing Committee of Building Physics Professors of European Universities, Aristotele University of Thessaloniki, 1992
16. International Symposium ECOS'92 organized by American Society of Mechanical Engineers, Zaragoza, Spain, 1992
17. International Conference on Energy Efficiency in Process Technology, Athens, Greece, 1992
18. Winter Annual Meeting of the American Society of Mechanical Engineers, Anaheim, California, 1992,
19. Winter Annual Meeting of the American Society of Mechanical Engineers, New Orleans, Louisiana, 1993
20. International Conference on Energy Systems and Ecology (ENSEC'93) organized by American Society of Mechanical Engineers Cracow, Poland, 1993
21. International Mechanical Engineering Congress & Exposition / American Society of Mechanical Engineers / Chicago, Illinois ,1994
22. Συνέδριο για την Ορθολογική Χρήση Ενέργειας στη Βιομηχανία Διεργασιών, Επιστημονικό Επιμορφωτικό Κέντρο Πανελληνίου Συλλόγου Χημικών Μηχανικών / Κέντρο Ανανεώσιμων Πηγών Ενέργειας, Αθήνα, 1994
23. International Mechanical Engineering Congress & Exposition / American Society of Mechanical Engineers /AES Division, San Francisco, California, 1995
24. International Mechanical Engineering Congress & Exposition, / American Society of Mechanical Engineers/Advanced Energy Systems Division, Atlanta, Georgia, 1996
25. International Conference organized by American Society of Mechanical Engineers on Thermodynamic Analysis and Improvement of Energy Systems, June 10-13, 1997, Beijing, China
26. International Mechanical Engineering Congress & Exposition / American Society of Mechanical Engineers /AES Division, Anaheim, California, 1998
27. American Society of Mechanical Engineers, 2001 ASME International Mechanical Engineering Congress and Exposition,, Nashville, Tennessee , 1999

28. American Society of Mechanical Engineers, 2001 ASME International Mechanical Engineering Congress and Exposition, New York, / Forum on Industrial Applications of Multiphase Flows.
29. American Society of Mechanical Engineers, 2001 ASME International Mechanical Engineering Congress and Exposition, New York, / Cryogenic Engineering
30. American Society of Mechanical Engineers, 2002 ASME International Mechanical Engineering Congress and Exposition, New Orleans, Louisiana, / System Analysis Technical Committee of the AES Division
31. American Society of Mechanical Engineers, 2002 ASME International Mechanical Engineering Congress and Exposition, New Orleans, Louisiana, / Heat Pump Technical Committee of the AES Division
32. 6th European Stirling Forum, 18-19 September 2002, Osnabruck, Germany
33. 5ο ΠΑΝΕΛΛΗΝΙΟ ΣΥΝΕΔΡΙΟ ΠΕΡΙΒΑΛΛΟΝΤΟΣ ΜΕ ΘΕΜΑ : 'ΠΕΡΙΒΑΛΛΟΝ, ΕΝΕΡΓΕΙΑ ΚΑΙ ΑΝΑΠΤΥΞΗ', 1-3 Νοεμβρίου, 2002, ΡΟΔΟΣ
34. Fifteenth Symposium on Thermophysical Properties, NIST, ASME/ Committee on Thermophysical Properties, June 22- 27, 2003, Boulder, Colorado, USA
35. Int. ATP Test Stations Meeting Piestany IIR D2 Subcommittee CERTE, Piestany, Slovakia, 2007
36. 20th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, Padova, Italy June 25-28, 2007
37. International Stirling Forum 2008, Osnabruck Germany, September 2008.
38. 8th IIR Gustav Lorentzen Conference on Natural Working Fluids, Copenhagen, 2008
39. 9th Biennial ASME Conference on Engineering Systems Design and Analysis 2008-ESDA 2008 59344
40. International conference on Efficiency, Cost Optimization, Simulation and Environmental Aspect of Energy and Process Systems (ECOS 2010), Lausanne, 14-17 July 2010.
41. World Green Conference, London, UK, 15-16 September 2010.
42. The 24th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, Novi-Sad Serbia, 4-7 July 2011
43. ASME International Mechanical Engineering Congress and Exposition IMECE2012-85577
44. ASME 12th Biennial Conf. On Eng. Systems & Design and Analysis, pp. 627-638, ESDA 2012.
45. ASME International Mechanical Engineering Congress and Exposition IMECE 2013, November 15-21, 2013, San Diego, California, USA

ΚΑΤΑΛΟΓΟΣ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΕΡΓΑΣΙΩΝ

1. Θερμοδυναμικοί κύκλοι απορρόφησης $\text{NH}_3/\text{H}_2\text{O}$. Βέλτιστες θεωρητικές αποδόσεις και σχεδίαση κύκλων μέσω H/Y , Διδακτορική διατριβή, Τομέας Θερμότητας, Σχολή Μηχανολόγων Μηχανικών, Ε.Μ.Π., Ιανουάριος 1987
2. D.A.Kouremenos, E.D.Rogdakis, "Efficiency of $\text{NH}_3/\text{H}_2\text{O}$ Heat Pumps", Proceedings of the International VDI-Seminar, ORC-HP-Technology, Zurich, Switzerland, 1984, pp.1039-1050
3. D.A.Kouremenos, E.D.Rogdakis, "Modelling of the Performance of Heat Driven $\text{NH}_3/\text{H}_2\text{O}$ Absorption Refrigeration Cycles", Proceedings of the International AMSE Conference on Modelling and Simulation, Athens, 1984, Vol.3.2, pp.293-303
4. D.A.Kouremenos, E.D.Rogdakis, "Modelling of the Reversed $\text{NH}_3/\text{H}_2\text{O}$ Absorption Cycle Working as a Heat Transformer", Proceedings of the International AMSE Conference on Modelling and Simulation, Monastir, Tunisia, 1985, Vol.3B, pp.35-43
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7. D.A.Kouremenos, E.D.Rogdakis, K.A.Antonopoulos, "The Heat Gain Factor of a Solar Driven Heat Transformer Working with an Inversed $\text{NH}_3/\text{H}_2\text{O}$ Absorption Cycle in the Athens/Greece Area", Proceedings of the 24th International Conference of the Mediterranean Cooperation for Solar Energy (COMPLES), Verona/Italy, 1986, pp.529-537
8. D.A.Kouremenos, K.A.Antonopoulos, E.D.Rogdakis, "On the Expected Performance of Solar Driven $\text{NH}_3/\text{H}_2\text{O}$ Absorption Refrigeration Units in the Athens/Greece Area", Proceedings of the 24th International Conference of the Mediterranean Cooperation for Solar Energy (COMPLES), Verona, Italy, 1986, pp. 539-547
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11. D.A.Kouremenos, E.D.Rogdakis, K.A.Antonopoulos, "Optimal Adaptation of Solar Driven Absorption NH₃/H₂O Heat Transformers to the Solar Collectors", Proceedings of the XVII International Congress of Refrigeration, Vienna, Austria, 1987, Vol.E, pp.720-727
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18. Δ.Α. Κουρεμένος, Κ.Α. Αντωνόπουλος, Ε.Δ. Ρογδάκης, "Συγκριτική εξέταση ηλιακών ψυκτικών μηχανών απορροφήσεως NH₃ /H₂O και H₂O/LiBr", Πρακτικά 3ου Εθνικού Συνεδρίου για τις Ήπιες Μορφές Ενέργειας, Θεσσαλονίκη, 1988, Τόμος Α, σελ.271-279
19. Δ.Α.Κουρεμένος, Κ.Α.Αντωνόπουλος, Ε.Δ.Ρογδάκης, "Προσομοίωση της λειτουργίας Ηλιακών Θερμαντλιών Απορρόφησης με H₂O/LiBr και με NH₃/H₂O στην Αθήνα", Επιστημονική Εκδοση ΤΕΧΝΙΚΩΝ ΧΡΟΝΙΚΩΝ, ΤΕΕ, 1989, Περιοχή Β, Τόμος 9, Τεύχος 1, σελ.5-28
20. D.A.Kouremenos, E.D.Rogdakis, K.A.Antonopoulos, "A High Efficiency Compound NH₃/H₂O - H₂O/LiBr Absorption Refrigeration System", Energy- The International Journal, 1989, Vol.14, No.12, pp.893-905
21. Ε.Δ.Ρογδάκης, "ΘΕΡΜΟΔΥΝΑΜΙΚΗ ΙΙ", Σημειώσεις ΕΜΠ, Αθήνα, 2011
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American Society of Mechanical Engineers, San Francisco, California, 1989, HTD-Vol. 124/AES-Vol, 6, pp.97-103

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