

ΣΥΝΤΟΜΟ ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΟΝΟΜΑ : ΕΥΑΓΓΕΛΟΣ
ΕΠΩΝΥΜΟ : ΧΙΝΗΣ
ΟΝΟΜΑ ΠΑΤΡΟΣ : ΠΑΝΑΓΙΩΤΗΣ
ΗΜΕΡ. ΓΕΝΝΗΣΕΩΣ : 31/12/1961
ΤΟΠΟΣ ΓΕΝΝΗΣΕΩΣ : ΑΘΗΝΑ
ΟΙΚΟΓΕΝΕΙΑΚΗ ΚΑΤΑΣΤΑΣΗ : ΕΓΓΑΜΟΣ - 2 ΠΑΙΔΙΑ
ΠΑΡΟΥΣΑ ΘΕΣΗ : Αναπληρωτής Καθηγητής
Τομέας Πυρηνικής Τεχνολογίας
Σχολή Μηχανολόγων Μηχανικών ΕΜΠ.

Γνωστικό Αντικείμενο "Μετρητικές τεχνικές πυρηνικών ακτινοβολιών στο φυσικό περιβάλλον και θερμοϋδραυλικών μεγεθών πυρηνικών αντιδραστήρων σχάσεως. Συνακόλουθες ηλεκτρονικές διατάξεις και μονάδες προσαρμογής σε ηλεκτρονικούς υπολογιστές. Μεθοδολογία των σχετικών στατιστικών επεξεργασιών και απεικονίσεων."

ΔΙΔΑΣΚΑΛΙΑ ΣΕ ΠΡΟΠΤΥΧΙΑΚΟ ΕΠΙΠΕΔΟ

1. Λειτουργικά Συστήματα και Γλώσσες Προγραμματισμού (συνδιδασκαλία)
2. Μετρήσεις Τεχνικών Μεγεθών και Εργαστήριο (συνδιδασκαλία)
3. Θερμοϋδραυλική Ανάλυση Πυρηνικών Αντιδραστήρων Ισχύος
4. Ραδιοπεριβαλλοντική Ανάλυση και Προστασία (συνδιδασκαλία)
5. Μετρήσεις Φυσικών Μεγεθών με Εμφαση στο Θαλάσσιο Περιβάλλον (Σχ. NMM, συνδιδασκαλία)

ΔΙΔΑΣΚΑΛΙΑ ΣΕ ΜΕΤΑΠΤΥΧΙΑΚΟ ΕΠΙΠΕΔΟ

1. Έλεγχος και Μετρήσεις. ΔΠΜΣ "Παραγωγή και Διαχείριση Ενέργειας"
2. Μετρήσεις. ΔΠΜΣ "Ναυτική και Θαλάσσια Τεχνολογία και Επιστήμη"
3. Θερμικοί Σταθμοί Παραγωγής Π. ΔΠΜΣ "Παραγωγή και Διαχείριση Ενέργειας" (συνδιδασκαλία)
4. Ραδιοπεριβαλλοντική Ανάλυση. ΔΠΜΣ "Φυσική και Τεχνολογικές Εφαρμογές" (συνδιδασκαλία)
5. Εξελιγμένοι Τύποι Πυρηνικών Αντιδραστήρων Ισχύος. ΔΠΜΣ "Φυσική και Τεχνολογικές Εφαρμογές"
6. Lectures delivered in IAEA Postgraduate Educational Course "Radiation Protection and the Safe Use of Radiation Sources"
 - I) Interaction of Radiation with Matter
 - II) Sources of Radiation
 - III) Principles of Radiation Detection & Measurement
 - IV) Intervention in situations of chronic and emergency exposure

ΕΠΙΒΛΕΨΗ ΔΙΠΛΩΜΑΤΙΚΩΝ ΕΡΓΑΣΙΩΝ: 38

ΕΠΙΒΛΕΨΗ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΕΡΓΑΣΙΩΝ: 14

ΕΠΙΒΛΕΨΗ ΔΙΔΑΚΤΟΡΙΚΩΝ ΔΙΑΤΡΙΒΩΝ: 3 (1 έχει γίνει αναγόρευση και 2 υπό εκπόνηση)

ΕΡΓΑΣΙΕΣ ΣΕ ΔΙΕΘΝΗ ΠΕΡΙΟΔΙΚΑ ΚΑΙ ΣΥΝΕΔΡΙΑ ΜΕ ΚΡΙΤΕΣ: 50

ΕΤΕΡΟΑΝΑΦΟΡΕΣ: 132

Κριτής σε 7 διεθνή περιοδικά
Αξιολογητής Αιτήσεων Υποτροφιών του ΙΚΥ

ΕΠΙΣΤΗΜΟΝΙΚΟΣ ΥΠΕΥΘΥΝΟΣ ΠΡΟΓΡΑΜΜΑΤΩΝ ΠΟΥ ΕΧΟΥΝ
ΟΛΟΚΛΗΡΩΘΕΙ: 6 προγράμματα συνολικού προϋπολογισμού άνω του 1 Μ€

Μέλος ΓΣ Σχολής ΜΜ από το 1999
Μέλος Συγκλήτου του ΕΜΠ 3 φορές
Δ/ντης Τομέα (01.09.2013 -)
Κατ' ανάθεση (από τη ΓΣ της Σχολής) Δ/ντης Τομέα Πυρηνικής Τεχνολογίας επί 4
έτη
Δ/ντης Εργαστηρίου Πυρηνικής Τεχνολογίας ΕΜΠ (τελευταία 4 ετία)
Μέλος Συγκλητικών Επιτροπών από το 1999 κατά διαστήματα (Εργαστηρίων, Η/Υ
και Δικτύων, ΚΠΣ, Επαγγελματικών Δικαιωμάτων και Ακαδ. Ισοτιμιών, Διεθνών
σχέσεων κ.λ.π.)

Μέλος ΤΕΕ
Μέλος ΠΣΔΜΗ
Μέλος Ινστιτούτου Καύσης - Ελληνικό Τμήμα
Γενικός Γραμματέας Συλλόγου ΔΕΠ ΕΜΠ επί τριετία
Πρόεδρος Συλλόγου ΔΕΠ ΕΜΠ (σήμερα)

ΜΕΛΟΣ ΤΟΥ ΣΥΜΒΟΥΛΙΟΥ ΕΠΙΣΤΗΜΟΝΙΚΗΣ ΕΝΩΣΗΣ

(MEMBER IN THE BOARD OF DIRECTORS):

- Global Society of Scientific Research and Researchers (GSSRR)

ΜΕΛΟΣ ΤΗΣ ΕΠΙΤΡΟΠΗΣ ΕΚΔΟΣΗΣ ΔΙΕΘΝΟΥΣ ΠΕΡΙΟΔΙΚΟΥ:

- American Journal of Energy Engineering
- American Journal of Energy and Power Engineering
- American Journal of Energy Research
- American Journal of Environmental Engineering and Science
- American Journal of Science and Technology
- Austin Journal of Robotics & Automation
- International Journal of Sciences: Basic and Applied Research (IJSBAR)
- Trends Journal of Sciences Research

ΚΡΙΤΗΣ ΕΡΓΑΣΙΩΝ ΔΙΕΘΝΩΝ ΠΕΡΙΟΔΙΚΩΝ:

- American Journal of Energy Engineering

- American Journal of Energy and Power Engineering
- American Journal of Environmental Engineering
- American Journal of Environmental Engineering and Science
- American Journal of Science and Technology
- Asian Journal of Engineering and Technology
- Asian Journal of Applied Sciences
- Energy and Power
- International Journal of Energy Engineering
- International Journal of Environmental Monitoring and Analysis
- Journal of Nuclear and Particle Physics
- Journals of Global Journals Inc. (US) Publisher

ΚΡΙΤΗΣ ΕΡΓΑΣΙΩΝ ΔΙΕΘΝΩΝ ΣΥΝΕΔΡΙΩΝ:

- ICONE22 - 22nd ASME International Conference on Nuclear Engineering (area: Thermal Hydraulics)

A. Δημοσιευμένες Εργασίες σε Διεθνή περιοδικά με Κριτές	
1	Natural radioactivity mapping of Greek surface soils , M.J. Anagnostakis, E.P.Hinis, S.E. Simopoulos and M.G. Angelopoulos, <i>Environment International</i> 22 (1996) 3-8.
2	Natural Radioactivity Content of Greek Cigarettes , S. Katsanevakis, N.P. Petropoulos, E.P. Hinis and S.E. Simopoulos, <i>Environment International</i> , 22(S1):S375 –S377, 1996.
3	¹³⁷Cs Chernobyl Fallout in Greece and its Associated Radiological Impact , N.P. Petropoulos, E.P. Hinis and S.E. Simopoulos, <i>Environment International</i> , 22(S1):S369 - S373, 1996.
4	Geographical mapping and associated fractal analysis of the long-lived Chernobyl fallout radionuclides in Greece , N. Petropoulos, M. Anagnostakis, E. Hinis and S.E. Simopoulos, <i>Journal of Environmental Radioactivity</i> 53 (2001) 59-66.
5	Experimental investigation of the rewetting process at pressures of 1-7 bar . Hinis E.P., Simopoulos S.E., <i>Kerrntechnik</i> , 68 (2001) 1-2
6	Radioenvironmental survey of the Megalopolis lignite field basin , P.K.Rouni, N.P. Petropoulos, M. Anagnostakis, E. Hinis and S. Simopoulos,

	<i>The Science of the Total Environment</i> 272 (2001) 261-272.
7	Determination of depleted uranium in environmental samples by gamma-spectroscopic techniques , Anagnostakis M.J., Hinis E.P., Karangelos D.J., Petropoulos N.P., Rouni P.K., Simopoulos S.E. and Zunic Z., <i>Archive of Oncology</i> 9 (4), 2001, 231-236.
8	Radiological characteristics and investigation of the radioactive equilibrium in the ashes produced in lignite-fired power plants , Karangelos D.J., Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>J. Environ. Radioactivity</i> 77:233-246 (2004).
9	Determination of depleted uranium in environmental samples by gamma-spectroscopic Techniques , Karangelos D.J., Anagnostakis M.J., Hinis E.P., Simopoulos S.E. and Zunic Z., <i>J. Environ. Radioactivity</i> , 76:295-310 (2004).
10	²³⁸U and its daughter products in Greek surface soils , Anagnostakis M.J., Hinis E.P., and Simopoulos S.E., <i>Radioactivity in the Environment – Journal of Environmental Radioactivity Series</i> , 7:1025-1029 (2005).
11	Radioenvironmental survey of the Megalopolis power plants fly-ash deposits , Karangelos D.J., Rouni P.K., Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>Radioactivity in the Environment –Journal of Environmental Radioactivity Series</i> , 7:175-186 (2005).
12	Data leading to the investigation of a relation between seismic activity and airborne radon decay products concentration outdoors . Karangelos D.J., Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>Radioactivity in the Environment – Journal of Environmental Radioactivity Series</i> , 7:187-197 (2005).
13	Effects of biomass co-firing with coal on ash properties: Part II: Leaching toxicity and radiological behavior , Grammelis P., Skodras G., Kakaras E., Karangelos D., Petropoulos N., Anagnostakis M., Hinis E. and Simopoulos S., <i>FUEL</i> , 85:2316-2322, (2006).
14	Quality characteristics of Greek fly ashes and potential uses , Skodras G., Grammelis P., Kakaras E., Karangelos D., Anagnostakis M., Hinis E., <i>Fuel Processing Technology</i> 88: 77–85 (2007).
15	Sectional Modeling of Aerosol Dynamics in Multi-Dimensional Flows . D. Mitrakos, E. Hinis, and C. Housiadas, <i>Aerosol Science and Technology</i> , 41[12] (2007):1076-1088, (2007).
16	A simple mechanistic model for particle penetration and plugging in tubes and cracks . D. Mitrakos, S. Chatzidakis, E.P. Hinis, L.E. Herranz, F. Parozzi, and C. Housiadas <i>Nuclear Engineering and Design</i> 238(2008):3370-3378, (2008).
17	Phosphoric Acid as Uranium Complexant in Kinetic Phosphorimetry , A.V.

	Efstathopoulos, K.L. Karfopoulos, D.J. Karangelos, M.P. Petropoulos, E.P.Hinis, S.E. Simopoulos, <i>submitted in Journal of Radioanalytical and Nuclear Chemistry (in review), 2011.</i>
18	Study of the supporting system for the CLIC two-beam module, <u>N Gazis</u> , <u>G Riddone</u> , <u>H Mainaud</u> , <u>D Gudkov</u> , <u>A Samoshkin</u> , <u>S Simopoulos</u> , <u>E Hinis</u> , <u>T Alexopoulos</u> , <i>Journal of Engineering Science and Technology Review. 01/2011; 4:201-206.</i>
B. Ανακοινώσεις σε Διεθνή Συνέδρια με Κριτές	
1	Mini Radon house: A prototype container for the measurement of radon exhalation from building materials and structural modules. Louizi A., Proukakis C., Petropoulos N.P., Hinis E.P., Simopoulos S.E., Leonidou D.J. <i>1st Mediterranean Congress on radiation Protection, Greece, April 5-7, 1994, Vol. 1</i>
2	Natural Radioactivity Mapping of Greek Surface Soils. Anagnostakis M.J., Hinis E.P., Simopoulos S.E. and Angelopoulos M.G., <i>1st Mediterranean Congress on Radiation Protection, Athens, Greece, April 5-7, 1994, Vol. 1</i>
3	¹³⁷Cs Chernobyl fallout in Greece and its associated radiological impact. Gerontidou M.V., Hinis E.P., Simopoulos S.E., <i>1st Mediterranean Congress on Radiation Protection, Athens, Greece, April 5-7, 1994, Vol. 1</i>
4	Natural radioactivity mapping of Greek surface soils, Anagnostakis M.J., Hinis E.P., Simopoulos S.E. and Angelopoulos M.G., <i>International Symposium on the Natural Radiation Environment, NRE-VI, Montreal, 5-9 June 1995.</i>
5	Hepirus Surface Soils Natural Radioactivity Mapping, N.P. Petropoulos, E.P. Hinis, S.E. Simopoulos, <i>NTUA's 1st Interdisciplinary Inter-university Conference on the "The National Technical University of Athens for for Metsovo: Paying back a part of the debt" Series, Metsovo, Greece, 1995.</i>
6	Geographical mapping and associated fractal analysis of the long-lived Chernobyl fallout isotopes in Greece, Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>Yugoslav Nuclear Society Conference, Belgrade, Yugoslavia, October 7-9, 1996, p. 625.</i>
7	Experimental investigation of the rewetting process at low steam pressures. Hinis E.P., Simopoulos S.E., <i>Yugoslav Nuclear Society Conference, Belgrade, Yugoslavia, October 7-9, 1996.</i>
8	Radiological impact of the long-lived Chernobyl fallout isotopes in Greece, M.J. Anagnostakis, N.P. Petropoulos, E.P. Hinis and S.E. Simopoulos, <i>Yugoslav Nuclear Society Conference, Belgrade, Yugoslavia, October 7-9, 1996, p. 543.</i>
9	Results and Discussion on Laboratory Intercomparison II "Radon level measurements in an air-tight container". E.P. Hinis, <i>Proceedings of "1st</i>

	<i>Southeastern-European Regional Radon Workshop”, Greek Atomic Energy Commission, April 3-5, 1997.</i>
10	Radioenvironmental Survey of the Megalopolis Lignite Field Basin , Rouni P.K., Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>Workshop “Radon in the Living Environment”, Athens, 19-23 April 1999.</i>
11	The Effect of Humidity on the Radon Counting Efficiency of Integrated Instruments. N. Petropoulos, E. Hinis and S. Simopoulos, <i>RADON in the Living Environment, Athens, Greece, April 19-23, 1999, Vol. 1, p.1055.</i>
12	Technologically Enhanced Natural Radioactivity of fly-ash produced in lignite-fired power plants and the associated radiological impact , Karangelos D.J., Rouni P.K., Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>NORM III, Brussels, Belgium, September 17-21, 2001.</i>
13	Προσδιορισμός Απεμπλουτισμένου Ουρανίου σε Περιβαλλοντικά Δείγματα με την Τεχνική της γ-Φασματοσκοπίας. Δ. Καράγγελος, Π. Ρούνη, Ν. Πετρόπουλος, Μ. Αναγνωστάκης, Ε. Χίνης και Σ. Σιμόπουλος, <i>1^ο Πανελλήνιο Συνέδριο “Ραδιενέργεια Περιβάλλοντος”, Αθήνα, 23-24 Νοεμβρίου, 2001.</i>
14	Radon-in-Water Secondary Standard Preparation in a Wide Activity Concentration Range. D. Karangelos, N. Petropoulos, E. Hinis and S. Simopoulos, <i>1st Workshop on Natural Radionuclides in Hydrology and Hydrogeology “NURAHYD-1”, Luxembourg, September 04-07, 2002.</i>
15	²³⁸U and its Daughter Products in Greek Surface Soils , Anagnostakis M.J., Hinis E.P. and Simopoulos S.E. <i>Natural Radiation Environment (NRE-VII), Rhodes, Greece, May 20-24, 2002, Book of Abstracts, p.29.</i>
16	Association of the Chernobyl fallout isotopes patterns with those of rainfall in Greece , Michelaraki M., Vrantzas P.F., Petropoulos N.P., Hinis E.P., Simopoulos S.E., <i>7th International Symposium Natural Radiation Environment (NRE - VII), Rhodes, Greece, BoA, 207, 2002</i>
17	Survey of Depleted Uranium contamination in soil and vegetation using γ-spectroscopy , Karangelos D.J., Anagnostakis M.J., Hinis E.P., Simopoulos S.E. and Zunic Z.S. <i>Natural Radiation Environment (NRE-VII), Rhodes, Greece, May 20-24, 2002, Book of Abstracts, p.294-295.</i>
18	Radioenvironmental survey of the Megalopolis power plants fly-ash deposits. Karangelos D.J., P.K.Rouni, Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E. <i>Natural Radiation Environment (NRE-VII), Rhodes, Greece, May 20-24, 2002, Book of Abstracts, p.296.</i>
19	Data leading to the investigation of a relation between seismic activity and airborne radon daughters concentration outdoors. D. Karangelos, N. Petropoulos, M. Anagnostakis, E. Hinis and S. Simopoulos, <i>Natural Radiation Environment (NRE-VII), Rhodes, Greece, May 20-24, 2002, Book of Abstracts,</i>

	p.297.
20	Disturbance of radioactive equilibrium in the ashes produced in lignite fired power plants. Karangelos D.J., Petropoulos N.P., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>Presented in Natural Radiation Environment (NRE-VII), Rhodes, Greece, May 20-24, 2002, Book of Abstracts, p.298.</i>
21	Reducing the natural radioactivity background in Ge detector shields. Nikoglou A., Karangelos D.J., Rouni P.K., Anagnostakis M.J., Hinis E.P. and Simopoulos S.E., <i>Natural Radiation Environment (NRE-VII), Rhodes, Greece, May 20-24, 2002, Book of Abstracts, p.299-300.</i>
22	Radioactive Pollution due to an Am-241 Lightning Rod Failure, K.L. Karfopoulos, G. Papadakos, D.J. Karangelos, P.K. Rouni, N.P. Petropoulos, M.J. Anagnostakis, E.P. Hinis, S.E. Simopoulos, <i>14th Panhellenic Symposium of Nuclear Physics, NTUA, Athens, Greece, 2004.</i>
23	Coal fly-ash utilisation in Greece, D. Karangelos, M. Anagnostakis, E. Hinis, G. Skodras, P. Grammelis and E. Kakaras, <i>2005 World of Coal Ash, Lexington, Kentucky, USA, 11-15 April, 2005.</i>
24	Investigations on Aerosol Transport in Containment Cracks, F. Parozzi, S. Chatzidakis, T. Gelain, G. Nahas, W. Plumecocq, J. Vendel, L. Herranz, E. Hinis, C. Housiadas, C. Journeau, P. Piluso and E. Malgarida, <i>International Conference "Nuclear Energy for New Europe 2005", Bled, Slovenia, 5-8 September, BoA, 2005.</i>
25	Utilisation of Biomass Co-combustion Residues form Pulverized Coal Boilers, Grammelis P., Skodras G., Kakaras E., Karangelos D., Anagnostakis M. and Hinis E.P., <i>2005 World of Coal Ash, Lexington, Kentucky, USA, 11-15 April, 2005.</i>
26	Radon-in-water Secondary Standard Preparation, D.J. Karangelos, N.P. Petropoulos, E.P. Hinis and S.E. Simopoulos, <i>Proceedings of the Seventh International Symposium Natural Radiation Environment (NRE – VII), Rhodes, Greece, 20-24 May 2002 in Radioactivity in the Environment Book Series Vol. 7 (ed. M. Baxter): 842 – 847, Elsevier, 2005</i>
27	Radioenvironmental Survey of the Megalopolis Power Plants Fly Ash Deposits, D.J. Karangelos, N.P. Petropoulos, E.P. Hinis and S.E. Simopoulos, <i>Proceedings of the Seventh International Symposium Natural Radiation Environment (NRE – VII), Rhodes, Greece, 20-24 May 2002 in Radioactivity in the Environment Book Series Vol. 7 (ed. M. Baxter): 1025 – 1029, Elsevier, 2005.</i>
28	Experimental investigation of free falling water film characteristics, Nikoglou A.A., Hinis E.P., Simopoulos S.E., <i>5th International Symposium on Multiphase flow. Heat Mass Transfer and Energy Conversion Xi'an, China, BoA, 29, 2005.</i>

29	Radioactive contamination due to 241Am lightning rod failure , Karfopoulos K.L., Papadakos G.N., Karangelos D.J., Rouni P.K., Petropoulos N.P., Anagnostakis M.J., Hinis E.P., Simopoulos S.E., <i>Proceedings of the 14th Symposium of the Hellenic Nuclear Physics Society, Athens, Greece, 2006.</i>
30	CFD-based sectional modelling of aerosol dynamics: particle formation in an aerosol reactor . D. Mitrakos, E. Hinis and C. Housiadas <i>International Conference on Multiphase Flow (ICMF 2007), Leipzig, Germany, 9-13 July 2007.</i>
31	A study on the rewetting of a hot surface, using low pressure, subcooled liquid . S. Chatzidakis, A. Nikoglou, E. Hinis and S. Simopoulos, <i>The 15th International Topical Meeting on Nuclear Reactor Thermalhydraulics, NURETH-15 Pisa, Italy, May 12-15, 2013</i>
32	An experimental study of the rewetting of a hot surface at atmospheric conditions using sub cooled liquid at various flowrates . P. Kastanidis, A. Nikoglou, E. Hinis and S. Simopoulos, <i>The 15th International Topical Meeting on Nuclear Reactor Thermalhydraulics, NURETH-15 Pisa, Italy, May 12-15, 2013</i>