



## Personal information

Name Papachristodoulou Christina  
Address Department of Physics,  
University of Ioannina, 451 10, Ioannina, Greece  
Telephone +30 26510 08492  
E-mail [xpapaxri@uoi.gr](mailto:xpapaxri@uoi.gr)  
Nationality Hellenic  
Date of birth 12-12-1972

## Work experience

Dates	2014 onwards
Name and address of employer	University of Ioannina, Ioannina, Greece Laboratory Teaching staff, Department of Physics
Occupation or position held	
Dates	2002 – 2014
Name and address of employer	University of Ioannina, Ioannina, Greece Permanent Staff, X-ray Fluorescence (XRF) Spectroscopy Unit and Powder X-ray Diffraction Unit of the Network of Research Supporting Laboratories of the University of Ioannina
Occupation or position held	
Dates	2000 – 2002
Name of employer	Astro-Particle Consortium of the n_TOF-ADS project (Contract No. FIKW-2000-00063)
Occupation or position held	Post-doctoral research fellow
Dates	1994 – 2000
Name and address of employer	Nuclear Physics Laboratory, University of Ioannina, Ioannina, Greece
Occupation or position held	Research Fellow

## Education and training

Dates	1996 – 2000
Name and type of organisation providing education/training	University of Ioannina, Ioannina, Greece
Title of qualification awarded	PhD in Physics
Dates	1990 – 1994
Name and type of organisation providing education/training	University of Ioannina, Ioannina, Greece
Title of qualification awarded	Bachelor's in Physics

**Research Subjects**

Experimental Nuclear Physics, Environmental radioactivity, Radiation Physics, Radiation Detectors, gamma- and X-ray spectrometry, Materials' characterization by X-ray techniques, Archaeometry

**Additional information**

- Over 50 publications in peer-reviewed journals (ANNEX I-A)
- Over 70 contributions to national and international scientific conferences (ANNEX I-B, I-C)
- Participation in over 15 research projects, including FP5 and FP6 EU projects, INTERREG III, bilateral cooperation projects funded by the Greek General Secretariat of Research and Technology
- Reviewer of scientific articles for the Journal of Environmental Radioactivity, Environmental Pollution, Nuclear Instruments and Methods B, Applied Radiation and Isotopes, Talanta, Spectrochimica Acta A, Colloids and Surfaces A, HNPS Advances in Nuclear Physics, Archaeometry.
- Teaching Laboratory Physics Courses (ANNEX II)

## ANNEX I: LIST OF PUBLICATIONS

### A. Publications in peer-reviewed journals

1. K.G. Ioannides, C.A. Papachristodoulou, D.T. Karamanis, K.C. Stamoulis, T.J. Mertzimekis: *Measurements of  $^{222}\text{Rn}$  Migration in Soils*, Journal of Radioanalytical and Nuclear Chemistry Articles 208 (1996) 541-547.
2. K.G. Ioannides, T.J. Mertzimekis, C.A. Papachristodoulou, C.E. Tzialla: *Measurements of natural Radioactivity in Phosphate Fertilizers*, Science of Total Environment 196 (1997) 63-67.
3. C.A. Papachristodoulou, P.A. Assimakopoulos, N-H.J. Gangas, D.T. Karamanis: *A new approach for enhancing  $\text{Sr}^{+2}$  retention by an Al-PILC in acidic solutions*, Microporous and Mesoporous Materials 39 (2000) 367-379.
4. K.G. Ioannides, K.C. Stamoulis, C.A. Papachristodoulou: *A survey of  $^{222}\text{Rn}$  concentrations in dwellings of the town of Metsovo in North-western Greece*, Health Physics 79 (2000) 697-702.
5. C.A. Papachristodoulou, P.A. Assimakopoulos, N-H.J. Gangas: *Strontium adsorption properties of an Aluminum-Pillared Montmorillonite carrying carboxylate functional groups*, Journal of Colloid and Interface Science 245 (2002) 23-39.
6. K.G. Ioannides, C.A. Papachristodoulou, T.J. Mertzimekis, C.E. Tzialla: *Effect of Soil Amendments on Radiocesium Transfer to Alfalfa*, Health Physics 84 (2003) 637-641.
7. C.A. Papachristodoulou, P.A. Assimakopoulos, N.E. Patronis, K.G. Ioannides: *Use of HPGe  $\gamma$ -ray Spectrometry to Assess the Isotopic Composition of Uranium in soils*, Journal of Environmental Radioactivity 64 (2003) 195-203.
8. D. Karamanis, S. Andriamonje, P.A. Assimakopoulos, G. Doukellis, D.A. Karademos, A. Karydas, M. Kokkoris, S. Kossionides, N. Nicolis, C. Papachristodoulou, C.T. Papadopoulos, N. Patronis, P. Pavlopoulos, G. Perdikakis, R. Vlastou: *Neutron cross-section measurements in the Th-U cycle by the activation method*, Nuclear Instruments and Methods A 505 (2003) 381-384.
9. K.G. Ioannides, C.A. Papachristodoulou, K.C. Stamoulis, D.T. Karamanis, S. Pavlides, E. Karakala, A. Chatzipetros: *Soil gas radon: a tool for exploring active fault zones*, Applied Radiation and Isotopes 59 (2003) 205-213.
10. K.G. Ioannides, C.A. Papachristodoulou, K.C. Stamoulis: *Laboratory assessment of paint coatings as barriers to indoor radon contamination*, Health Physics 84 (2003) S172.
11. A. Pakou, N. Alamanos, A. Lagoyannis, A. Gillibert, E.C. Pollacco, P.A. Assimakopoulos, G. Doukelis, K. Ioannides, D. Karadimos, D. Karamanis, M. Kokkoris, S. Kossionides, N.Nicolis, C. Papachristodoulou, N. Patronis, G. Perdikakis: *The elastic scattering of  $^6\text{Li}+^{28}\text{Si}$  at near-barrier energies*, Physics Letters B 556 (2003) 21-26.
12. A. Pakou, N. Alamanos, A. Gillibert, M. Kokkoris, S. Kossionides, A. Lagoyannis, N.Nicolis, C. Papachristodoulou, D. Patiris, D. Pierroutsakou, E.C. Pollacco, K. Rusek:  *$\alpha$ -particle production in the reaction  $^6\text{Li}+^{28}\text{Si}$  at near-barrier energies*, Physical Review Letters 90 (2003) 202701.
13. C.A. Papachristodoulou, K.G. Ioannides, K.C. Stamoulis, S.B. Pavlides: *Radon activity levels and effective doses in the Perama Cave, Greece*, Health Physics 86 (2004) 619-624.
14. A. Pakou, N. Alamanos, G. Doukelis, A. Gillibert, G. Kalyva, M. Kokkoris, S. Kossionides, A. Lagoyannis, A. Musumarra, N. Patronis, C. Papachristodoulou, G. Perdikakis, D. Pierroutsakou, E.C. Pollacco, K. Rusek: *The elastic scattering of  $^7\text{Li}+^{28}\text{Si}$  at near-barrier energies*, Physical Review C 69 (2004) 054602.
15. U. Abbondanno, G. Aerts, H. Álvarez et al.: *The n\_TOF Facility at CERN: Performances and First Physics Results*, AIP Conference Proceedings 769 (2005) 724-729.
16. G. Aerts, U. Abbondanno, H. Álvarez et al.: *Measurement of the  $^{232}\text{Th}$  neutron capture cross section at the CERN n\_TOF facility*. AIP Conference Proceedings 769 (2005) 1470-1473.
17. A. Pakou, N. G. Nicolis, K. Rusek, N. Alamanos, G. Doukelis, A. Gillibert, G. Kalyva, M. Kokkoris, A. Lagoyannis, A. Musumarra, C. Papachristodoulou, N. Patronis, G. Perdikakis, D. Pierroutsakou, E.C. Pollacco, A. Spyrou, and Ch. Zarkadas:  *$\alpha$ -particle production: direct and compound contribution in the reaction  $^7\text{Li}+^{28}\text{Si}$* . Phys. Rev C 71 (2005) 064602.
18. A.F. Nisbet, J.A. Mercer, A. Rantavaara, R. Hanninen, C. Vandecasteele, B. Carlé, F. Hardeman, K.G. Ioannides, C. Papachristodoulou, C. Tzialla, H. Ollagnon, T. Jullien, V. Pupin: *Achievements, difficulties and future challenges for the FARMING network*. Journal of Environmental Radioactivity 83 (2005) 297-303.

19. K.G. Ioannides, C.E. Tziella, C.A. Papachristodoulou, C. Papanikolaou, C. Apostolopoulos: *Stakeholder involvement in nuclear crisis management in Greece*. Journal of Environmental Radioactivity 83 (2005) 347-357.
20. A. Pakou, K. Rusek, N. G. Nicolis, N. Alamanos, G. Doukelis, A. Gillibert, G. Kalyva, M. Kokkoris, A. Lagoyannis, A. Musumarra, C. Papachristodoulou, N. Patronis, G. Perdikakis, D. Pierroutsakou, E.C. Pollacco, A. Spyrou, and Ch. Zarkadas: *Reaction channels of  ${}^6,7\text{Li}+{}^{28}\text{Si}$  at near barrier energies*. Journal of Physics G: Nuclear and Particle Physics 31 (2005) S1723-S1727.
21. A. Pakou, N. Alamanos, N.M. Clarke, N.J. Davis, G. Doukelis, G. Kalyva, M. Kokkoris, A. Lagoyannis, A. Musumarra, N. G. Nicolis, C. Papachristodoulou, N. Patronis, G. Perdikakis, D. Pierroutsakou, D. Roubos, K. Rusek, A. Spyrou, and Ch. Zarkadas: *The  ${}^6\text{Li}$  exclusive breakup on  ${}^{28}\text{Si}$  at 13 MeV*. Physics Letters B 633 (2006) 691-695.
22. C. Papachristodoulou, A. Oikonomou, K. Ioannides, K. Gravani: *A study of ancient pottery by means of X-ray fluorescence, multivariate statistics and mineralogical analysis*. Analytica Chimica Acta 573-574 (2006) 347-353.
23. C. Papachristodoulou, K. Ioannides, S. Spathis: *The effect of moisture content on radon diffusion through soil: assessment in laboratory and field experiments*. Health Physics 92 (2007) 257-264.
24. A. Pakou, A. Musumarra, D. Pierroutsakou, N. Alamanos, P.A. Assimakopoulos, N. Divis, G. Doukelis, A. Gillibert, S. Harissopoulos, G. Kalyva, M. Kokkoris, A. Lagoyannis, T.J. Mertzimekis, N. G. Nicolis, C. Papachristodoulou, G. Perdikakis, D. Roubos, K. Rusek, A. Spyrou, and Ch. Zarkadas:  *${}^6,7\text{Li}+{}^{28}\text{Si}$  total reaction cross sections at near barrier energies*. Nuclear Physics A 784 (2007) 13-24.
25. C. Papachristodoulou, D. Patiris, K. Ioannides: *An X-ray fluorescence method for measuring the bulk etch rate of CR-39 nuclear track detectors*. Nuclear Instruments and Methods B 264 (2007) 177-182.
26. A. Pakou, K. Rusek, N. Alamanos, X. Aslanoglou, S. Harissopoulos, M. Kokkoris, A. Lagoyannis, T.J. Mertzimekis, A. Musumarra, N.G. Nicolis, C. Papachristodoulou, D. Pierroutsakou, D. Roubos: *Strong transfer channels in the  $\text{Li-6}+\text{Si-28}$  system at near-barrier energies*. Physical Review C 76 (2007) 054601-054607.
27. K. Ioannides, D. Patiris, C. Papachristodoulou: *Indoor radon concentrations in workplaces and dwellings in North-Western Greece*. Radioprotection 44 (2009) 165-169.
28. C. Papachristodoulou, K. Gravani, A. Oikonomou, K. Ioannides: *On the provenance and manufacture of red-slipped fine ware from ancient Cassope (NW Greece): evidence by X-ray analytical methods*. Journal of Archaeological Science 37 (2010) 2146-2154.
29. C. Papachristodoulou, D. Patiris, K. Ioannides: *Exposure to indoor radon and natural gamma radiation in public workplaces in North-Western Greece*. Radiation Measurements 45 (2010) 865-871.
30. D. Gournis, C. Papachristodoulou, E. Maccallini, P. Rudolf, M.A. Karakassides, D.T. Karamanis, M.-H. Sage, T.T.M. Palstra, J.-F. Colomer, K.D. Papavasileiou, V.S. Melissas and N.-H. Gangas: *A two-dimensional magnetic hybrid material based on intercalation of a cationic prussian blue analogue in montmorillonite nanoclay*. Journal of Colloid and Interface Science 348 (2010) 393-401.
31. D. Karadimos, R. Vlastou, K. Ioannides, P. Assimakopoulos, N. Tsagas, P. Pavlopoulos, D. Karamanis, C. Papachristodoulou, K. Stamoulis, V. Vlachoudis, P. Cennini, V. Ketlerov, V. Konovalov for the n\_TOF collaboration: *Analysis of the FIC detector data at the n\_TOF facility*. Nuclear Instruments and Methods B 268 (2010) 2556-2562.
32. A.F. Nisbet, J. Brown, B.J. Howard, N.A. Beresford, H. Ollagnon, C. Turcanu, J. Camps, K. Andersson, A. Rantavaara, T. Ikkäheimonen, T. Duranova, D. Oughton, G. Kirchner, C. Papachristodoulou, K. Ioannides, P. Kwakman: *Decision aiding handbooks for managing contaminated food production systems, drinking water and inhabited areas in Europe*. Radioprotection 45 (2010) S23-S37.
33. I. Liritzis, K. Stamoulis, C. Papachristodoulou and K.G. Ioannides: *A re-evaluation of radiation dose-rate conversion factors*. Mediterranean Archaeology & Archaeometry 13 (2013) 1-15.
34. K. Ioannides, K. Stamoulis, C. Papachristodoulou: *Environmental radioactivity measurements in north-western Greece following the Fukushima nuclear accident*. Journal of Radioanalytical and Nuclear Chemistry (2013) DOI 10.1007/s10967-013-2527-6.
35. C. Papachristodoulou, K. Stamoulis, P. Tsakos, V. Vozikis, C. Papadopoulou, K. Ioannides: *Liver concentrations of copper, zinc, iron and molybdenum in sheep and goats from northern Greece, determined by energy-dispersive X-ray fluorescence spectrometry*. Bulletin of Environmental Contamination and Toxicology 94 (2015) 460-467.

36. K. Ioannides, K. Stamoulis, C. Papachristodoulou, E. Tziamou, C. Markantonaki, I. Tsodoulos: *Distribution of heavy metals in sediment cores of Lake Pamvotis (Greece): a pollution and potential risk assessment*. Environmental Monitoring and Assessment 187 (2015) Article:4209.
37. I. Tsodoulos, K. Stamoulis, R. Caputo, I. Koukouvelas, A. Chatzipetros, S. Pavlides, C. Gallousi, C. Papachristodoulou, K. Ioannides: *Middle-Late Holocene earthquake history of the Gyroni Fault, Central Greece: Insight from optically stimulated luminescence (OSL) dating and paleoseismology*. Tectonophysics 687 (2016) 14-27.
38. A. Papadimitriou, I. Ketikidis, M.K. Stathopoulou, C.N. Banti, C. Papachristodoulou, L. Zoumpoulakis, S. Agathopoulos, G.V. Vagenas, S.K. Hadjikakou: *Innovative material containing the natural product curcumin, with enhanced antimicrobial properties for active packaging*. Materials Science & Engineering C 84 (2017) 118-122.
39. I. Stamatopoulos, M. Roulia, K.A. Vallianatou, C. P. Raptopoulou, V. Psycharis, M. Carravetta, C. Papachristodoulou, E. Hey-Hawkins, I. D. Kostas, P. Kyritsis: *Immobilization of the complexes [Pd{(Ph<sub>2</sub>P)<sub>2</sub>N(CH<sub>2</sub>)<sub>3</sub>Si(OCH<sub>3</sub>)<sub>3</sub>-P,P'}X<sub>2</sub>] (X = Cl, Br) onto STx-1 montmorillonite: An investigation of their performance as homogeneous or heterogenized Suzuki-Miyaura catalysts*. ChemistrySelect 2 (2017) 12051-12059.
40. S. Lymperopoulou, Th. Lazarides, C. Papachristodoulou, C. Raptopoulou, V. Psycharis, J.C. Plakatouras: *Synthesis, Structural Characterization, and Fluorescence of a Series of 1D Rare Earth Coordination Polymers with a Substituted Iminodiacetate Ligand*. Inorganica Chimica Acta 472 (2018) 276-282.
41. C. Papachristodoulou, M.-C. Tziamou, C. Papadopoulou, K. Ioannides: *Determination of minerals in infant formulae by Energy Dispersive X-ray Fluorescence Spectrometry*. Journal of Food Composition and Analysis 72 (2018) 39-47.
42. V. Karetsi, C. Banti, N. Kourkoumelis, C. Papachristodoulou, C. Stalikas, C. Raptopoulou, V. Psycharis, P. Zoumpoulakis, T. Mavromoustakos, I. Sainis, S. Hadjikakou: *An efficient disinfectant, composite material {SLS@[Zn<sub>3</sub>(CitH)<sub>2</sub>]} as ingredient for development of sterilized and non infectious contact lens*. Antibiotics 8 (2019) 213.
43. C. Papachristodoulou, K. Stamoulis, K. Ioannides: *Temporal variation of soil gas radon associated with seismic activity: a case study in NW Greece*. Pure and Applied Geophysics 177 (2020) 821-836.
44. I. Ketikidis, C. Banti, N. Kourkoumelis, C. Tsiafoulis, C. Papachristodoulou, A. Kalampounias, S. Hadjikakou: *Conjugation of penicillin-G with silver(I) ions expands its antimicrobial activity, against Gram negative bacteria*. Antibiotics 9 (2020) 25.
45. A. Rossos, C. Banti, A. Kalampounias, C. Papachristodoulou, K. Kordatos, P. Zoumpoulakis, Th. Mavromoustakos, N. Kourkoumelis, S.K. Hadjikakou: *pHEMA@AGMNA-1: a novel material for the development of antibacterial contact lens*. Materials Science & Engineering C 111 (2020) 110770.
46. M. Chrysouli, C. Banti, N. Kourkoumelis, E. Moushi, A. Tasiopoulos, A. Douvalis, C. Papachristodoulou, A. Hatzidimitriou, T. Bakas, S. Hadjikakou: *Ciprofloxacin conjugated to diphenyltin(IV); A novel formulation with enhanced antimicrobial activity*. Dalton Transactions 49 (2020) 11522.
47. M-E.K. Stathopoulou, N. Zoupanou, C.N. Banti, A. Douvalis, C. Papachristodoulou, K.D. Mourousis, G. Spyroulias, T. Mavromoustakos, S. Hadjikakou: *Organotin derivatives of cholic acid induce apoptosis into breast cancer cells and interfere with mitochondrion; Synthesis, characterization and biological evaluation*. Steroids 167 (2021) 108798.
48. A. Meretoudi, C.N. Banti, P.K. Raptis, C. Papachristodoulou, N. Kourkoumelis, A.A. Ikiades, P. Zoumpoulakis, Th. Mavromoustakos, S.K. Hadjikakou: *Silver nanoparticles from oregano leaves extracts as antimicrobial components for non infected hydrogel contact lenses*. International Journal of Molecular Science 22(7) (2021) 3539.
49. C.N. Banti, M. Kapetana, C. Papachristodoulou, C. Raptopoulou, V. Psycharis, P. Zoumpoulakis, Th. Mavromoustakos, S.K. Hadjikakou: *Hydrogels containing water soluble conjugates of silver(I) ions with amino acids, metabolites or natural products for non infectious contact lenses*. Dalton Transactions 50 (2021) 13712.
50. A.K. Rossos, C.N. Banti, P.K. Raptis, C. Papachristodoulou, I. Sainis, P. Zoumpoulakis, Th. Mavromoustakos, S.K. Hadjikakou: *Silver nanoparticles using eucalyptus or willow extracts (AgNPs) as contact lens hydrogel components to reduce the risk of microbial infection*. Molecules 26 (2021) 5022.
51. M. Kapetana, C. Banti, C. Papachristodoulou, V. Psycharis, C. Raptopoulou, S. Hadjikakou: *Conjugation of triphenylantimony(V) with carvacrol against human breast cancer cells*. Journal of Biological Inorganic Chemistry 27 (2022) 373.
52. P. Ziogas, A.P. Douvalis, A.B. Bourlinos, C. Papachristodoulou, N. Chalmpes, D. Gournis, M.A. Karakassides, A.E. Giannakas, C.E. Salmas: *Isolation, Characterization and Hydrogen Sulfide H<sub>2</sub>S Sorption Properties at Room Temperature of Magnetite Sludge from Radiator*. Journal of Nanotechnology Research 4 (2022) 97.

53. P. Psathas, A. Zindrou, C. Papachristodoulou, N. Boukos, Y. Deligiannakis: In Tandem Control of La-Doping and CuO-Heterojunction on SrTiO<sub>3</sub> Perovskite by Double-Nozzle Flame Spray Pyrolysis: Selective H<sub>2</sub> vs. CH<sub>4</sub> Photocatalytic Production from H<sub>2</sub>O/CH<sub>3</sub>OH. *Nanomaterials* 13 (2023) 482.
54. C. Banti, C. Papatriantafyllopoulou, C. Papachristodoulou, A. Hatzidimitriou, S. Hadjikakou: New apoptosis inducers from the conjugation of anti-inflammatory drugs with pnicto-gens derivatives; A new strategy in the development of mitochondrial targeting chemo-therapeutics. *Journal of Medicinal Chemistry* 66 (2023) 4131-4149.
55. C. Banti, C. Papachristodoulou, M.P. Chrysouli, A. Douvalis, S.K. Hadjikakou: Controlled dual activity of an organometallic antibiotic through micelle formulation. *Journal of Organometallic Chemistry* (2024) 1012, 123130.
56. P. Raptis, C. Banti, C. Papachristodoulou, S. Hadjikakou: Biogenic Silver Nanoparticles from Chamomile Incorporated in Hydrogels for high trans-parent non-infectiveness Contact Lenses. *ACS Omega* (2025) submitted.

## B. Publications in international conference proceedings

1. K.G. Ioannides, C.A. Papachristodoulou, D.T. Karamanis, K.C. Stamoulis, T.J. Mertzimekis, *Measurements of <sup>222</sup>Rn migration in soil*. 6th International conference on the separation of ionic solutes. Piestany Spa, Slovakia, 15-19 May, 1995.
2. P.A. Assimakopoulos, C.A. Papachristodoulou, N.E. Patronis and K.G. Ioannides: *Use of HPGe gamma-ray spectroscopy to assess the isotopic composition of U in soil samples from Kosovo*. Expert Meeting on Depleted Uranium in Kosovo: Radiation Protection, Public Health and Environmental Aspects”, Bad Honnef, Germany, 19-22 June, 2001.
3. K.C. Stamoulis, K.G. Ioannides, C.A. Papachristodoulou, T.J. Mertzimekis: *Heavy metals concentrations in North-western Greece rivers sediments*. “9<sup>th</sup> Meeting of the Balcan Clinical Laboratory Federation”, Ioannina, Greece, 12-15 September, 2001.
4. D. Karamanis, P. Assimakopoulos, G. Doukelis, D. Karademos, A. Karydas, M. Kokkoris, S. Kossionides, N. Nicolis, A. Pakou, C. Papachristodoulou, N. Patronis, P. Pavlopoulos, G. Perdikakis and R. Vlastou. *Neutron cross section measurements in the Th-U cycle by the activation method*. Symposium on Radiation Measurements and Applications, Ann Arbor, Michigan, USA, 21-23 May, 2002.
5. P.A. Assimakopoulos, N.H. Gangas, D.T. Karamanis, C.A. Papachristodoulou, K.C. Stamoulis: *Remediation of drinking water from cesium and strontium radionuclides using pillared montmorillonites*. “International Conference of Radioactivity in the Environment”, Monaco, 2-5 September, 2002.
6. P.A. Assimakopoulos, D. T. Karamanis, S. Kossionidis, C. Papachristodoulou, and N. Patronis: *Proposed measurement of the n+n cross section at the n\_TOF facility*. n\_TOF Winter School on Astrophysics, ADS and first results, Les Houches, École de Physique, France, 24-28 February 2003.
7. K.G. Ioannides, C.A. Papachristodoulou, K.C. Stamoulis: *Laboratory assessment of wall paints as barriers against indoor radon contamination*. “48<sup>th</sup> Annual Meeting of the Health Physics Society (American Conference on Radiation Safety)”, San Diego, California, USA, 20-22 July, 2003.
8. C.A. Papachristodoulou, K.G. Ioannides, C.E. Tzialla: *Development of scavengers for radioactive caesium and strontium: applicability and effectiveness in the decontamination of biological systems and foodstuffs*. “Workshop to extend the Involvement of Stakeholders in Decisions on Restoration Management (WISDOM)”, Oxford, UK, 15-17 September, 2003.
9. C.E. Tzialla, C.A. Papachristodoulou, K.G. Ioannides: *Influence of Mediterranean conditions on the implementation of countermeasures against radioactive contamination*. “Workshop to extend the Involvement of Stakeholders in Decisions on Restoration Management (WISDOM)”, Oxford, UK, 15-17 September, 2003.
10. K.G. Ioannides, C.E. Tzialla, C.A. Papachristodoulou: *Risk, risk perception and stakeholder involvement: the FARMING “experiment” in Greece*. “Workshop to extend the Involvement of Stakeholders in Decisions on Restoration Management (WISDOM)”, Oxford, UK, 15-17 September, 2003.
11. S. Pavlides, G. Papathanassiou, A. Ganas, K. Ioannides, K. Stamoulis, C. Papachristodoulou, G. Papadopoulos: *The 14th August 2003 Lefkada (Ionian sea) earthquake (mw 6.3) - Preliminary field observations*. “The South Aegean Active Volcanic Arc: Present knowledge and future perspectives (SAAVA2003)”, Milos Island, Greece, 17-20 September, 2003.
12. K. Ioannides, K. Stamoulis, C. Papachristodoulou, D. Karamanis, S. Pavlides, G. Papadopoulos: *Soil radon emanation anomalies observed during the 14th August 2003 Lefkada (Ionian Sea) earthquake (mw 6.3)*. “1<sup>st</sup> International Workshop on Earthquake Prediction”, Athens, Greece, 6-7 November 2003.

13. K. Ioannides, K. Stamoulis, C. Papachristodoulou, D. Karamanis, S. Pavlides, G. Papadopoulos: *Soil-gas radon variation observed during the 14th August 2003 Lefkada earthquake (Mw 6.3)*. “5<sup>th</sup> International Symposium on Eastern Mediterranean Geology”, Thessaloniki, Greece, 15-18 April 2004.
14. A.F. Nisbet, J.A. Mercer, A. Rantavaara, R. Hanninen, C. Vandecasteele, F. Hardeman, K.G. Ioannides, C. Papachristodoulou, C. Tziella, H. Ollagnon, V. Pupin, T. Jullien. *The FARMING network*. “Symposium on off-site nuclear emergency management – Impact of the European Commission’s Research Programme”, Rhodes, Greece, 21-24 September 2004.
15. C. Papachristodoulou, A. Oikonomou, K. Ioannides, K. Gravani: *A compositional study of ancient pottery by means of X-ray fluorescence and multivariate analysis*. “The 4<sup>th</sup> International Conference on Instrumental Methods of Analysis”, Iraklion, Crete, Greece, 2-6 October 2005 (poster).
16. B.J. Howard, N.A. Beresford, C.L. Barnett, A. Rantavaara, K. Rissanen, N. Reales, F. Gallay, C. Papachristodoulou, K. Ioannides, A.F. Nisbet, N. Hesketh, D. Oughton, I. Bay. *A revised compendium of countermeasures for the management of food production systems*. “2<sup>nd</sup> International Conference on Radioactivity in the Environment & 6<sup>th</sup> International Conference on Environmental Radioactivity in the Arctic and Antarctic”, Nice, France, 2-6 October 2005.
17. K. Ioannides, D. Patiris, C. Papachristodoulou: *Indoor radon concentrations in workplaces and dwellings in north-western Greece*. International Conference on Radioecology & Environmental Radioactivity, Bergen, Norway, 15-20 June 2008.
18. C. Papachristodoulou, K. Ioannides, S. Pavlides: Radon diffusion coefficients in soils of varying moisture content. European Geosciences Union-General Assembly 2009, Vienna, Austria, 19-24 April 2009.
19. C. Papachristodoulou, K. Gravani, A. Oikonomou, K. Ioannides: An X-ray microanalytical study of red gloss fine ware produced in ancient Cassope. TECHNART, Athens, Greece, 27-30 April 2009.
20. A. Oikonomou, C. Papachristodoulou, K. Gravani, K. Stamoulis, K. Ioannides: Black- and red-slipped pottery from ancient Cassope (NW Greece): inference of provenance and production technology based on a multi-analytical approach. 39<sup>th</sup> International Symposium on Archaeometry: “50 years of ISA”, Leuven, Belgium, 28 May – 1 June 2012.
21. A. Oikonomou, K. Stamoulis, P. Lera, S. Oikonomidis, A. Papayiannis, A. Tsonos, C. Papachristodoulou, K. Ioannides: Optically stimulated luminescence chronology and characterisation of pottery sherds from Maligrad, Albania. 39<sup>th</sup> International Symposium on Archaeometry: “50 years of ISA”, Leuven, Belgium, 28 May – 1 June 2012.
22. A. Oikonomou, K. Stamoulis, Th. Papadopoulos, L. Papadopoulos, C. Papachristodoulou, K. Ioannides: Optically stimulated luminescence dating of samples from Tall al-Kafrayn, Jordan. 39<sup>th</sup> International Symposium on Archaeometry: “50 years of ISA”, Leuven, Belgium, 28 May – 1 June 2012.
23. I. Liritzis, K. Stamoulis, C. Papachristodoulou, K. Ioannides: Updating of radiation dose-rate conversion factors: a critical re-evaluation. 2<sup>nd</sup> Luminescence in Archaeology International Symposium LAIS 2012, Lisbon, Portugal, 5-7 September 2012.
24. I.M. Tsodoulos, C. Papachristodoulou, K. Stamoulis, K.G. Ioannides, S. Pavlides, R. Caputo, A. Chatzipetros, I. Koukouvelas and E. Kremastas: The Principal Component Analysis of X-Ray Fluorescence Spectrometry Data as a Tool for Paleoseismic Research. European Geosciences Union-General Assembly 2013, Vienna, Austria, 7-12 April 2013.
25. I.M. Tsodoulos, K. Stamoulis, C. Papachristodoulou, K.G. Ioannides, S. Pavlides, A. Chatzipetros, I. Koukouvelas: Quantification of optically stimulated luminescence dating uncertainties based on the analysis of samples collected from a paleoseismological trench of an active fault in Central Greece. 8<sup>th</sup> IAG International Conference on Geomorphology, Paris, France, 27-31 August 2013.
26. C. Papachristodoulou, K. Stamoulis, P. Tsakos, V. Vozikis, C. Papadopoulou, K. Ioannides. Measurements of trace metal concentrations in the liver of sheep and goats from northern Greece, using radioisotope-excited energy-dispersive XRF spectrometry. 6<sup>th</sup> International Symposium on Recent Advances in Food Analysis (RAFA 2013), Prague, Czech Republic, 5-8 November, 2013.
27. I.M. Tsodoulos, K. Stamoulis, C. Papachristodoulou, K.G. Ioannides, S. Pavlides, A. Chatzipetros, I. Koukouvelas, R. Caputo: OSL and TT-OSL dating of sediments and pottery from a paleoseismological trench across the Gyrtani Fault, Central Greece: Preliminary results. European Geosciences Union-General Assembly 2014, Vienna, Austria, 27 April - 02 May 2014.
28. A. Oikonomou, C. Papachristodoulou, K. Stamoulis, P. Lera, S. Oikonomidis, A. Papayiannis, A. Tsonos, K. Ioannides: Prehistoric pottery from SE Albania: a compositional and mineralogical study. International Symposium on Archaeometry (ISA), Los Angeles, 19-23 May 2014.

29. K. G. Ioannides, M. Alexandropoulou, S. Petsios, K. Stamoulis, C. Papachristodoulou, C. Papadopoulou: Monitoring  $^{137}\text{Cs}$  activity in mosses at the city of Ioannina, north-western Greece, attributed to increased wood combustion for heating following the financial crisis. WVA/WMA GLOBAL CONFERENCE ON ONE HEALTH, Madrid, Spain, 21-22 May 2015.
30. K. Stamoulis, I. Tsodoulos, C. Papachristodoulou, S. Pavlides, K. Ioannides: Application of the OSL method in dating past earthquakes. 14th International Conference of the Geological Society of Greece, Thessaloniki,, Greece, May 25-27, 2016.
31. I. Tsodoulos, A. Chatzipetros, I. Koukouvelas, R. Caputo, S. Pavlides, K. Stamoulis, C. Gallousi, C. Papachristodoulou, K. Ioannides, A. Belesis, D. Kalyvas: Palaeoseismological investigation of the Gyrtoni fault (Thessaly, central Greece). 14th International Conference of the Geological Society of Greece, Thessaloniki, Greece, May 25-27, 2016.
32. A. Vlachopoulos, K.C. Stamoulis, A. Oikonomou, I. Tsodoulos, C. Papachristodoulou, K.G. Ioannides: OSL dating of Final Neolithic/ Early Bronze Age wall remains at Vathy, Astypalea. 41<sup>st</sup> International Symposium on Archaeometry (ISA), Kalamata, Greece, 15 – 21 May 2016.

### C. Publications in national conference proceedings

33. C.A. Papachristodoulou, K.G. Ioannides, T.J. Mertzimekis, K.C. Stamoulis, D.T. Karamanis, *Assessment of arrangements for the detection of radon emanating from soil*, “6<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Technical University of Piraeus, 26-27 May, 1995.
34. T.J. Mertzimekis, K.G. Ioannides, C.A. Papachristodoulou, D.T. Karamanis, K.C. Stamoulis, *Studies of  $^{137}\text{Cs}$  adsorption - desorption processes in sediments, using  $\gamma$ -ray spectroscopy*, “6<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Technical University of Piraeus, 26-27 May, 1995.
35. C.A. Papachristodoulou, K.G. Ioannides, D.T. Karamanis, K.C. Stamoulis, T.J. Mertzimekis, A.S. Mantzios, E. Nikolaou, C.P. Pappas, *Experimental studies on the reduction of cesium concentration in animal tissues following treatment with  $\text{Fe}^{\text{III}}_4(\text{Fe}^{\text{II}}(\text{CN})_6)_3$  labelled with  $^{59}\text{Fe}$* , Panhellenic Conference “10 years after the Chernobyl accident - The consequences of the accident in Greece”, NCSR Demokritos, 22-23 April, 1996.
36. T.J. Mertzimekis, K.G. Ioannides, C.A. Papachristodoulou, D.T. Karamanis, K.C. Stamoulis, *Aquatic Ecosystem Partitioning of Radiocesium*, Panhellenic Conference “10 years after the Chernobyl accident - The consequences of the accident in Greece”, NCSR Demokritos, 22-23 April, 1996.
37. C.A. Papachristodoulou, K.G. Ioannides, T.J. Mertzimekis, *Measurements of Radon radioactivity in the district of Ioannina*, Scientific Meeting “Radon and Greek Dwellings”, NCSR Demokritos, Athens, 6 June, 1996.
38. C.A. Papachristodoulou, K.G. Ioannides, T.J. Mertzimekis, S. Pavlides, E. Karakala, A. Xatzipetrou, *Radon emanation along geological faults*, Scientific Meeting “Radon and Greek Dwellings”, NCSR Demokritos, Athens, 6 June, 1996.
39. C.A. Papachristodoulou, P.A. Assimakopoulos, N-H.J. Gangas, D.T. Karamanis, *Modification of Pillared Layered Clays for Scavenging Radiostrontium from Acidic Aqueous Environments*, “9<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Ioannina, 5-6 October, 1998.
40. N.G. Nicolis, C.A. Papachristodoulou, *Alpha Particle Transmission Coefficients from a Global Optical Potential*, “9<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Ioannina, 5-6 October, 1998.
41. C.A. Papachristodoulou, P.A. Assimakopoulos, N-H.J. Gangas: *Enhanced radiostrontium adsorption on Pillared Layered Clays modified by organic acids*. “11<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Thessaloniki, 24-25 May, 2000.
42. C.A. Papachristodoulou, K.G. Ioannides, K.C. Stamoulis, C. Pafilis: *A study of radon diffusion through paint emulsions*. “11<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Thessaloniki, 24-25 May, 2000.
43. K.G. Ioannides, K.C. Stamoulis, C.A. Papachristodoulou: *A survey of  $^{222}\text{Rn}$  concentrations in dwellings of the town of Metsovo in North-western Greece*. “11<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Thessaloniki, 24-25 May, 2000.
44. G. Zakas, K. Dodorou, J. Apostolou, G. Filioussis, E. Economou, C. Papadopoulou, K. Stamoulis, C. Papachristodoulou, K. Ioannides: *A study on the quality of water resources in the region of Epirus*. “4<sup>th</sup> Hellenic Symposium of Public Health and Health Services”, Athens, 25-27 February 2002.
45. G. Zakas, K. Dodorou, J. Apostolou, G. Filioussis, E. Economou, C. Papadopoulou, K. Stamoulis, C. Papachristodoulou, K. Ioannides: *Surface water quality in NW Greece*. “2<sup>nd</sup> Hellenic Meeting of Biological Sciences for the environment”, Athens, 19-21 April, 2002.

46. D. Karamanis, S. Andriamonje, P. Assimakopoulos, G. Doukellis, D. Karademos, A. Karydas, M. Kokkoris, S. Kossiodides, N. Nicolis, A. Pakou, C. Papachristodoulou, C. Papadopoulos, N. Patronis, P. Pavlopoulos, G. Perdikakis, R. Vlastou for the APC Consortium and the n-TOF collaboration: *Statistical model calculations of the  $^{232}\text{Th}(n, 2n)$  reaction*. “12<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, NCSR “Demokritos”, Athens, 10-11 May, 2002.
47. C.A. Papachristodoulou, P.A. Assimakopoulos, N-H.J. Gangas: *On the pH-dependent strontium adsorption by Al-PILCs, impregnated with carboxylate groups of various acid strengths*. “12<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, NCSR “Demokritos”, Athens, 10-11 May, 2002.
48. C.A. Papachristodoulou: *Research Support: The Network of Horizontal Laboratory Units and Centres of the University of Ioannina*. “25 Years of the Chemistry Department of the University of Ioannina (1977-2002): Basic and Applied Chemical Research”. Ioannina, 22-24 October, 2002.
49. K.C. Stamoulis, K.G. Ioannides, A. Vlachogianni, C. Papachristodoulou: *Correlation of tritium concentrations in rainwater with cosmic ray variation: Preliminary results*. “13<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Ioannina, 30-31 May, 2003.
50. S. Karakoulia, N. Miriouni, D. Gournis, C. Papachristodoulou, M.A. Karakassides, D. Karamanis, A. Moukarika, N.H. Gangas: *Synthesis and characterization of a cationic aluminum ferrocyanate complex*. XIX Hellenic Conference on “Solid state Physics and Materials Science”, Thessaloniki, 21-24 September, 2003.
51. K.G. Ioannides, C.A. Papachristodoulou, K.C. Stamoulis, D.L. Patiris, S.B. Pavlides: *Radon gas profiles and exposure estimates in the Perama Cave, Greece*. “14<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, NTUA, Athens, 21-22 May, 2004.
52. C. Papachristodoulou, A. Oikonomou, K. Ioannides, K. Gravani: *An X-ray Fluorescence and Principal Component Analysis study of Hellenistic pottery from Orraon*. “15<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Thessaloniki, 27-28 May, 2005.
53. D.L. Patiris, K.G. Ioannides, C.A. Papachristodoulou: *Occupational and residential radon exposure: a case study in north-western Greece*. “17<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Ioannina, 30-31 May, 2008.
54. C. Papachristodoulou, K. Gravani, A. Oikonomou, K. Ioannides: *Characterization of red-slipped pottery from ancient Cassope: a preliminary compositional study*. “5<sup>th</sup> Symposium of the Hellenic Society for Archaeometry”, Athens, 8-10 October 2008.
55. C. Papachristodoulou: *Elemental analysis of ancient pottery: a tool for tracing provenance and probing manufacture practices*. RER/1/006 Seminar on “Nuclear Techniques for the Protection of Cultural Heritage Artefacts in the Mediterranean Region”, Athens, 20-22 October 2008.
56. K.G. Ioannides, C. Papachristodoulou, K. Stamoulis: *An introduction to selected Applied Nuclear Physics activities at Ioannina*. 1<sup>st</sup> One-Day Workshop on New Aspects and Perspectives in Nuclear Physics, Ioannina, September 8, 2012.
57. A. Oikonomou, K. Stamoulis, P. Lera, S. Oikonomidis, A. Papayiannis, A. Tsonos, C. Papachristodoulou, K. Ioannides: *Preliminary characterization of prehistoric pottery sherds from Vithkuq and Maligrad, Albania, by means of EDXRF spectroscopy and OSL chronology*. 3<sup>rd</sup> Symposium – *Archaeological Research and New Technologies* ARCH\_RNT, Kalamata, Greece, 3-6 October 2012.
58. I.M. Tsodoulos, K.Stamoulis, C. Papachristodoulou, K.G Ioannides, Pavlides S: *Use of the Optically Stimulated Luminescence Dating and X-Ray Fluorescence Spectrometry Methods as Tools in Paleoseismology*. “23<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Thessaloniki, 20-21 May, 2014.
59. K.Stamoulis, K.G Ioannides, H. Bakola, C. Papachristodoulou, I.M. Tsodoulos: *Use of everyday materials in retrospective nuclear accident dosimetry*. “23<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Thessaloniki, 20-21 May, 2014.
60. K. Stamoulis, M. Alexandropoulou, S. Petsios, C. Papachristodoulou, C. Papadopoulou, K. G. Ioannides: *A preliminary study of mosses as biomonitors of  $^{137}\text{Cs}$  activity in the air of Ioannina city*. “24<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Ioannina, 22-23 May, 2015.
61. I.M. Tsodoulos, K.Stamoulis, C. Papachristodoulou, K.G Ioannides: *Analysis of uncertainties associated with different factors used to determine the age of sediments with the Optically Stimulated Luminescence method*. “24<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Ioannina, 22-23 May, 2015.
62. M. Tsiadou, C. Papachristodoulou, K. Ioannides, C. Papadopoulou: *Major and trace elements analysis in infant milk*. 11<sup>th</sup> Hellenic Conference of Public Health and Health Services, Athens, 21-23 Μαΐου 2016. (in Greek)

63. C.N. Banti, E. Gkaniatsou, C. Papachristodoulou, A.J. Tasiopoulos, S.K. Hadjikakou: New silver metallodrugs of NSAIDs. Enhancement of their solubility and bioactivity using surfactant CTAB. 7<sup>th</sup> Pan-Hellenic Conference on Thermal Analysis and Calorimetry – ΘΕΡΜΑ2016, Ioannina, 27-29 May, 2016.
64. M. Alexandropoulou, D. Sarigiannidis, C. Papachristodoulou, K. Stamoulis, K. Ioannides: Validation of the ImageJ package for alpha track counting on Solid State Nuclear Track Detectors. “25<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Athens, 3-4 June, 2016.
65. A. Papadimitriou, I. Ketikidis, C.N. Banti, C. Papachristodoulou, L. Zoumpoulakis, S. Agathopoulos, G.V. Vagenas, S.K. Hadjikakou: Innovative material containing the natural product curcumin, with enhanced antimicrobial properties for active packaging. “11ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής”, Θεσσαλονίκη, 25-27 Μαΐου 2017.
66. K. G. Ioannides, S. Alexandropoulou, C. Papachristodoulou, E. Bletsas, K. Stamoulis: *Temporal and spatial variation of soil radon emanation*. “26<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Anavyssos, 9-10 June, 2017.
67. K. Stamoulis, K. G. Ioannides, C. Papachristodoulou, S. Alexandropoulou: *A study of tritium concentrations in air humidity following a rainfall*. “26<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Anavyssos, 9-10 June, 2017.
68. Z. Eleme, S. Georvasili, N. Patronis, E. Georgali, K.G. Ioannides, A. Kalamara, M. Kokkoris, C. Papachristodoulou, T. Stamatopoulos, A. Tsinganis, R. Zanni-Vlastou and the n\_TOF collaboration: *Neutron Beam Spatial Profile at n\_TOF using CR-39 Nuclear Track Detectors*. “26<sup>th</sup> Symposium of the Hellenic Nuclear Physics Society”, Anavyssos, 9-10 June, 2017.
69. A. Oikonomou, C. Barabea, C. Papachristodoulou, D. Palles: *A sediment recovered from a tripod Mycenaean vessel, studied through combined XRD, XRF, SEM, Raman techniques*. “7<sup>th</sup> Symposium on Archaeometry of the Hellenic Society for Archaeometry (HSA)”, Athens, 9-12 October, 2019.
70. A. Georgiou, D. Gournis, E. Mouzourakis, C. Papachristodoulou: Chemical analysis of frescoes in a 14th century Byzantine temple. Annual Workshop of the Hellenic Association of Conservators of Antiquities, Athens, November 29, 2019.
71. A. Oikonomou, C. Papachristodoulou, K. Gravani: *Archaeometrical analysis of pottery from Cassope and Orraon*. 3<sup>rd</sup> Conference “Archaeological work in NW Greece and the Ionian Islands”, Ioannina, 19-22 January, 2022.

#### D. Miscellaneous publications

1. *A study of radon diffusion in soil*, C. Papachristodoulou, Bachelor’s Diploma Thesis, Department of Physics, University of Ioannina, 1994 (in Greek).
2. *Radiostrontium binding in acidic media using pillared layered clays*, C. Papachristodoulou, PhD Thesis, Department of Physics, University of Ioannina, 2000 (in Greek).
3. *Food and Agriculture Restoration Management Involving Networked Groups - 1st Report: Setting up of the Greek Stakeholders Groups for the Assessment of Countermeasures Following a Nuclear Accident*, K. Ioannides, C. Tzialla, C. Papachristodoulou. The University of Ioannina Press, 2002.
4. *Second Report of the Greek Stakeholders Group: Evaluation of countermeasures following a nuclear accident*, K. Ioannides, C. Tzialla, C. Papachristodoulou, 2003. Deliverable D5 to the network project FARMING in the European Commission Fifth Framework Programme (Nuclear Fission, Radiation Protection) under Contract No: FIKR-CT-2000-20064. Available online at <http://www.ec-farming.net>
5. *Compendium of countermeasures for the management of food productions systems production systems, drinking waters and forests*, N.A. Beresford, C.L. Barnett, B.J. Howard, A. Rantavaara, K. Rissanen, N. Reales, F. Gallay, C. Papachristodoulou, K. Ioannides, A.F. Nisbet, A.F., Brown, J., Hesketh, N., Hammond, D., Oatway, W., Oughton, D., Bay, I. and Smith, J.T. (2006). Available online at <http://www.euranos.fzk.de/>
6. *Generic handbook for assisting in the management of contaminated food productions systems in Europe following a radiological emergency, EURANOS (CAT1)-TN(06)-06*, A.F. Nisbet (ed.), H. Rice (ed.), A. Jones, T. Jullien, V. Pupin, H. Ollagnon, F. Hardeman, B. Carlé, C. Turcanu, C. Papachristodoulou, K. Ioannides, R. Hänninen, A. Rantavaara, D. Solatie, E. Kostianen and D. Oughton (2006). Available on CD and online at <http://www.euranos.fzk.de/>

## **ANNEX II: TEACHING**

1. Laboratory Courses in Electromagnetism, Department of Physics, 3<sup>rd</sup> semester, academic years 1995-96, 1996-97.
2. Laboratory Courses in Wave Physics and Optics, Department of Physics, 4<sup>th</sup> semester, academic years 1995-96, 1996-97, 2014-15 to date.
3. Physics with Excel - Electromagnetism, Department of Physics, 2<sup>nd</sup> semester, academic years 1997-98, 1998-99, 1999-2000, 2002-2003, 2003-2004.
4. Physics Exercises (Mechanics, Modern Physics), Department of Computer Science, 1<sup>st</sup> semester, academic year 1998-99.
5. Laboratory Courses in Modern Physics, Department of Physics, 6<sup>th</sup> semester, academic years 2005-06 to 2016-17.
6. Introduction to Computers, Department of Physics, 1<sup>st</sup> semester, academic years 2014-15 to 2021-22.
7. Elements of Probability and Statistics, Department of Physics, 1<sup>st</sup> semester, academic years 2014-15 to 2021-22.
8. Laboratory Courses in Mechanics, Department of Physics, 2<sup>nd</sup> semester, academic years 2014-15 to date.
9. Thermodynamics and Laboratory of Heat, Department of Physics, 4<sup>th</sup> semester, academic years 2020-21 to date.
10. Probability, Statistics and Computers, Department of Physics, 1<sup>st</sup> semester, academic years 2022-23 to date.