

# Curriculum Vitae

## PERSONAL INFORMATION

Ioannis Pachoulakis



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🔍 Google Scholar: <https://scholar.google.gr/citations?user=4qnoU44AAAAJ&hl=en>

## WORK EXPERIENCE

- |                     |   |
|---------------------|---|
| Jan.2010 – present  | Associate Professor, Dept. of Electrical and Computer Engineering, previously Assistant Professor, Dept. of Informatics Engineering (former Dept. of Applied Informatics & Multimedia), TEI-Crete, Heraklion, Crete, Greece |
| Sep.2001 – Jan.2010 | Teaching staff (under rolling annual contracts), Dept. of Applied Informatics & Multimedia, TEI of Crete, Heraklion, Crete, Greece  |
| Jan.2001 – Sep.2003 | Institute of Computer Science, Foundation for Research and Technology – Hellas (ICS-FORTH), Vassilika Vouton, Heraklion, Crete, Greece<br>Full-time employment under consecutive research contracts                         |
| Feb.1998 – Oct.1999 | Senior Associate, Princeton Consultants, Princeton, N.J., USA<br>Developer for Transportation Logistics client-server systems   |

## EDUCATION & TRAINING

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|------|---|
| 1996 | Ph.D. Physics & Astronomy, Dept of Physics and Astronomy, University of Pennsylvania, Philadelphia, PA, USA |
| 1998 | M.Sc.Eng. Hon, Dept of Computer and Information Science, University of Pennsylvania, Philadelphia, PA, USA  |
| 1988 | B.Sc. Physics, Dept of Physics, University of Crete, Greece   |

## OTHER

- |                                 |   |
|---------------------------------|---|
| Research Interests & Activities | Technology-assisted rehabilitation and recovery using realistic (physics-based) multimedia and exergaming<br>Record, study and model the three-dimensional movement of living organisms<br>Virtual and augmented reality applications |
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## Educational activities

### M.Sc. Theses (supervisor)

- Marinakis Stavros, «Augmentation of a Serious Games Platform for Parkinson's Disease Patients» (in-progress), TEI-Crete
- Tsilidi Diana, «Carpal Tunnel Syndrome Physiotherapy Using Exergames and the Leap Motion Sensor» (2016), TEI-Crete
- Komarakis Ioannis, «Virtual Reality Software for the Treatment of Phobia Patients» (2016), TEI-Crete
- Papadopoulos Nikolaos, «Exergames for Parkinson's Disease Patients using Microsoft Kinect» (2015), TEI-Crete
- Xylourgos Nikolaos, «A Real-Time Skeleton-Based Physical Rehabilitation Platform» (2015), TEI-Crete
- Kourmoulis Constantine, «A Gait Assessment Framework and Methodology for Parkinson's Disease Patients» (2014), TEI-Crete

### B.Sc. Theses (supervisor)

Supervised more than 70 undergraduate theses since (most recent ones are available at

<http://nefeli.lib.teicrete.gr/search.tkl?query=pachoulakis>

### On-the-Job Practice (supervisor)

Supervised more 75 undergraduates through their on-the-job practice (πρακτική άσκηση)

### Courses Currently Taught

Graduate Course: "Realistic Multimedia and Animation"

Undergraduate Courses: "Multimedia Technologies", "Game Technologies"

### Courses Taught in the past

Taught various undergraduate courses for multiple semesters: Introduction to Informatics, Audio-Visual Content Production Technologies, Distributed Internet Multimedia Applications, Informatics Teaching, Multimedia Applications in Science. Also taught Human-Computer Interfaces and Computer Networks for two semesters each.

### Funded Research / R&D Projects

Participation in ELKE projects

Participation in Centre for Technological Research of Crete projects

Participation in ICS-FORTH/Hellas projects

### Scientific Committees / Reviewer

- International Program Committee, International Symposium on Ambient Intelligence and Embedded Systems (AmiEs-2018), Kiel, Germany, 12-15 September 2018
  - Technical Program Committee, 6th EAI International Conference: ArtsIT, Interactivity & Game Creation, October 30–31, 2017 | Heraklion, Crete, Greece
  - International Programme Committee, International Symposium on Ambient Intelligence and Embedded Systems (AmiEs-2017), Kiel, Germany, 14-15 September 2017
  - Technical Program Committee, International Conference on Telecommunications & Multimedia (TEMU 2016), Heraklion, Crete, Greece, 25-27 July 2016
  - International Program Committee, 20<sup>th</sup> International Conference on 3D Web Technology (Web3D 2015) June 18-21, Heraklion, Crete
  - Technical Program Committee, International Conference on Telecommunications & Multimedia (TEMU 2014), Heraklion, Crete, Greece, 28-30 July 2014
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- Reviewer, Journal of Virtual Worlds Research (JVWRResearch.org)
  - Reviewer, IEEE Journal of Biomedical and Health Informatics
  - Reviewer, Elsevier Graphical Models
  - Reviewer, International Journal of Multimedia & Its Applications (IJMA)
  - Reviewer, International Journal of Therapy and Rehabilitation (IJTR)

## PUBLICATIONS

### Refereed Journals

1. I. Pachoulakis, N. Papadopoulos and A. Analyti, "Kinect-based Exergames tailored to Parkinson Patients", International Journal of Computer Games Technology, Hindawi Publishing Corporation, Vol.2018, 14 pages.  
[link at: <https://doi.org/10.1155/2018/2618271>]
2. I. Pachoulakis, D. Tsilidi and A. Analyti, "Computer-Aided Rehabilitation for the Carpal Tunnel Syndrome using Exergames", Advances in Image and Video Processing (AIVP), Vol.6, No.2, 2018, pp.44-56.  
[link at: <http://dx.doi.org/10.14738/aivp.62.4458>]
3. D. Tsilidi, I. Pachoulakis and A. Analyti, "Carpal Tunnel Syndrome: Causes, Prevention, Rehabilitation and Computer-Aided, Game-Based Physiotherapy", Advances in Image and Video Processing (AIVP), Vol.6, No.2, 2018, pp.57-69.  
[link at: <http://dx.doi.org/10.14738/aivp.62.4459>]
4. I. Pachoulakis, N. Xilourgos, N. Papadopoulos and A. Analyti, "Enrichment of a Kinect-based Physiotherapy and Assessment Platform for Parkinson's Disease Patients", Advances in Image and Video Processing (AIVP), Vol.5, No.1, 2017, pp.31-38.  
[link at: <http://scholarpublishing.org/index.php/AIVP/article/view/2750>]
5. A. Analyti and I. Pachoulakis, "Faceted operations on composed RDF ontologies", International Journal of Web Engineering and Technology (IJWET), Vol.11, No.2, 2016, pp.174-194.  
[link at: <https://www.inderscienceonline.com/doi/abs/10.1504/IJWET.2016.077344>]

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6. I. Pachoulakis, N. Xilourgos, N. Papadopoulos and A. Analyti, "A Kinect-Based Physiotherapy and Assessment Platform for Parkinson's Disease Patients", Journal of Medical Engineering (JME), Hindawi Publishing Corporation, Vol.2016, 8 pages.  
[link at: <http://scholarpublishing.org/index.php/AIVP/article/view/2181/1278>]
7. I. Pachoulakis and D. Tsilidi, "Technology-Assisted Carpal Tunnel Syndrome Rehabilitation using Serious Games: The Roller Ball Example", Advances in Image and Video Processing (AIVP), Vol.4, No.4, 2016, pp.24-30. [link at: <http://scholarpublishing.org/index.php/AIVP/article/view/2181/1278>]
8. A. Analyti, C.V. Damasio and I. Pachoulakis, "Nested contextualised views in the web of data", International Journal of Web Engineering and Technology, Vol.10, No.1, 2015, pp.31-64.  
[link at: <https://www.inderscienceonline.com/doi/abs/10.1504/IJWET.2015.069360>]
9. I. Pachoulakis and K. Kourmoulis, "Setup and Calibration of a Camera-Based Stereoscopic Vision System", International Journal of Emerging Research in Management & Technology (IJERMT), Vol.4, No.11, 2015, pp.7-10.  
[link at: [https://www.ermt.net/docs/papers/Volume\\_4/11\\_November2015/V4N11-136.pdf](https://www.ermt.net/docs/papers/Volume_4/11_November2015/V4N11-136.pdf)]
10. I. Pachoulakis, N. Papadopoulos and C. Spanaki, "Parkinson's Disease Patient Rehabilitation using Gaming Platforms: Lessons Learnt", International Journal of Biomedical Engineering and Science (IJBES), Vol.2, No.4, 2015, pp. 1-12.  
[link at: <http://airccse.com/ijbes/papers/2415ijbes01.pdf>]
11. A. Analyti and I. Pachoulakis, "Datatype evolution on RDF ontologies", International Journal of Web Engineering and Technology, Vol.9, No.1, 2014, pp. 30-61.  
[link at: <https://www.inderscienceonline.com/doi/pdf/10.1504/IJWET.2014.063040>]
12. A. Analyti, C.V. Damasio, G. Antoniou, and I. Pachoulakis, "Why-provenance information for RDF, rules, and negation", Annals of Mathematics and Artificial Intelligence Vol.70, No.3, 2014, pp. 221-277.  
[link at: <https://link.springer.com/content/pdf/10.1007%2Fs10472-013-9396-0.pdf>]
13. A. Analyti, G. Antoniou, C.V. Damasio and I. Pachoulakis, "A framework for modular ERDF ontologies", Annals of Mathematics and Artificial Intelligence Vol.67, No.3-4, 2013, pp. 189-249.  
[link at: <https://link.springer.com/content/pdf/10.1007%2Fs10472-013-9350-1.pdf>]
14. I. Pachoulakis, "Realistic Multimedia Simulations for Informatics Students", International Journal of Multimedia & Applications (IJMA) Vol.4, No.4, 2012, pp. 1-10.  
[link at: <http://airccse.org/journal/jma/4412ijma01.pdf>]
15. I. Pachoulakis and K. Kapetanakis, "Augmented Reality Platforms for Virtual Fitting Rooms", The International Journal of Multimedia & its Applications (IJMA) Vol.4, No.4, 2012, pp. 35-46.  
[link at: <http://airccse.org/journal/jma/4412ijma04.pdf>]
16. A. Analyti and I. Pachoulakis, "Temporally Annotated Extended Logic Programs", International Journal of Advanced Research in Artificial Intelligence (IJARAI) Vol.1, No.7, 2012, pp. 20-26.  
[link at: [http://thesai.org/Downloads/IJARAI/Volume1No7/Paper\\_4-Temporally\\_Annotated\\_Extended\\_Logic\\_Programs.pdf](http://thesai.org/Downloads/IJARAI/Volume1No7/Paper_4-Temporally_Annotated_Extended_Logic_Programs.pdf)]
17. A. Analyti and I. Pachoulakis, "Provenance and Temporally Annotated Logic Programming", International Journal of Advanced Research in Artificial Intelligence (IJARAI) Vol.1, No.7, 2012, pp. 14-19.  
[link at: [http://thesai.org/Downloads/IJARAI/Volume1No7/Paper\\_3-Provenance\\_and\\_Temporally\\_Annotated\\_Logic\\_Programming.pdf](http://thesai.org/Downloads/IJARAI/Volume1No7/Paper_3-Provenance_and_Temporally_Annotated_Logic_Programming.pdf)]
18. A. Analyti and I. Pachoulakis, "A Survey on Models and Query Languages for Temporally Annotated RDF", International Journal of Advanced Computer Science and Applications (IJACSA) Vol.3, No.9, 2012, pp. 28-35.  
[link at: [http://thesai.org/Downloads/IJARAI/Volume1No7/Paper\\_4-Temporally\\_Annotated\\_Extended\\_Logic\\_Programs.pdf](http://thesai.org/Downloads/IJARAI/Volume1No7/Paper_4-Temporally_Annotated_Extended_Logic_Programs.pdf)]
19. I. Pachoulakis, "3D Reconstruction and Visualization of Astrophysical Wind Volumes using Physical Models", ACM Transactions on Modeling and Computer Simulation, Vol.18(4), 2008, pp. 14.1-14.36  
[link at: <http://portal.acm.org/citation.cfm?id=1391980>]
20. A. Analyti and I. Pachoulakis, "Logic Programming Representation of the Compound Term Composition Algebra", Fundamenta Informaticae, Vol.73(3), 2006, pp. 321-360.  
[link at: <http://fi.mimuw.edu.pl/vol73.html>]
21. A. Savidis, N. Maou, I. Pachoulakis & C. Stephanidis, "Continuity of interaction in Nomadic Interfaces through Migration and Dynamic Utilization of I/O Resources", Universal Access in Information Society, Vol.1, 2002, pp.274-287.  
[link at: <http://www.springerlink.com/media/BDGNXGYQWKH3JQ64QWTM/Contributions/J/D/N/9/JDN9E9CFLJ5EFRYE.pdf>]
22. D. J. Stickland, C. Lloyd, I. Pachoulakis, and R.H. Koch, "Spectroscopic Binary Orbits from

- Ultraviolet Radial Velocities, Paper 29: V Puppis (HD 65818)", Observatory, Vol.118, 1998, pp.356-364.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1998Obs...118..356S&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1998Obs...118..356S&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
23. R.J. Pfeiffer, I. Pachoulakis, R. H. Koch, and D. J. Stickland, "The Winds of Hot, Close Binaries, Paper 3: HD 159176", Observatory, Vol.117, 1997, pp.301-309.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1997Obs...117..301P&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1997Obs...117..301P&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  24. I. Pachoulakis, "Vientos Estelares: En el Espacio Sopla aún más duro uro", invited paper, Planetarium, Vol.1, 1996, pp.5-8.
  25. I. Pachoulakis, R. J. Pfeiffer, R. H. Koch, and D. J. Stickland, "The Winds of Hot, Close Binaries, Paper 2: CW Cephei (HD 218066)", Observatory, 1996, Vol.116, pp.89-97.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1996Obs...116..89P&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1996Obs...116..89P&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  26. D. J. Stickland, C. Lloyd, R. H. Koch, and I. Pachoulakis, "Spectroscopic Binary Orbits from Ultraviolet Radial Velocities, Paper 23: Pi Scorpii (HD 143018)", Observatory, Vol.116, 1996, pp.387-391.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1996Obs...116..387S&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1996Obs...116..387S&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  27. P. Saizar, I. Pachoulakis, S. N. Shore, S. Starrfield, R. E. Williams, E. Rothschild, & G. Sonneborn, "Nova V351 Puppis 1991: A Multiwavelength Study of the Nebular Phase", Monthly Notices of the Royal Astronomical Society, Vol.279, 1996, pp.280-292.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1996MNRAS.279..280S&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1996MNRAS.279..280S&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  28. I. Pachoulakis, "HD 159176: Photospheric and Wind-dominated Light Curve Analyses coupled to Wind Modelling", Monthly Notices of the Royal Astronomical Society, Vol.280, 1996, pp.153-166.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1996MNRAS.280..153P&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1996MNRAS.280..153P&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  29. D. J. Stickland, C. Lloyd, R. H. Koch, and I. Pachoulakis, "Spectroscopic Binary Orbits from Ultraviolet Radial Velocities, Paper 18: TU Muscae (HD 100213)", Observatory, Vol.115, 1995, pp.317-321.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1995Obs...115..317S&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1995Obs...115..317S&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  30. R. J. Pfeiffer, I. Pachoulakis, R. H. Koch, and D. J. Stickland, "The Winds of Hot Close Binaries, Paper 1: Y Cygni (HD 198846)", Observatory, Vol.114, 1994, pp.297-308.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1994Obs...114..297P&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1994Obs...114..297P&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  31. D. J. Stickland, R. H. Koch, I. Pachoulakis, and R. J. Pfeiffer, "Spectroscopic Binary Orbits from Ultraviolet Radial Velocities, Paper 15: LY Aurigae (HD 35921)", Observatory, Vol.114, 1994, pp.107-113.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1994Obs...114..107S&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1994Obs...114..107S&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  32. J. C. Thomas and I. Pachoulakis, "V and UV Photometry of HD 159176", Information Bulletin on Variable Stars, No.4115, 1994, pp.1-4
  33. D. J. Stickland, R. H. Koch, I. Pachoulakis, and R. J. Pfeiffer, "Spectroscopic Binary Orbits from Ultraviolet Radial Velocities, Paper 12: HD 159176", Observatory, Vol. 113, 1993, pp.204-209.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1993Obs...113..204S&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1993Obs...113..204S&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]
  34. D. J. Stickland, R. H. Koch, I. Pachoulakis, and R. J. Pfeiffer, "Spectroscopic Binary Orbits from Ultraviolet Radial Velocities, Paper 11: delta Circini (HD 135240)", Observatory, Vol. 113, 1993, pp.139-144.  
[link at: [http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle\\_query?1993Obs...113..139S&data\\_type=PDF\\_HIGH&type=PRINTER&filetype=.pdf](http://articles.adsabs.harvard.edu/cgi-bin/nph-iarticle_query?1993Obs...113..139S&data_type=PDF_HIGH&type=PRINTER&filetype=.pdf)]

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35. D. J. Stickland, C. Lloyd, R. H. Koch, I. Pachoulakis, and R. J. Pfeiffer, "Spectroscopic Binary Orbits from Ultraviolet Radial Velocities, Paper 9: Y Cygni (HD 198846)", Observatory, Vol. 112, 1992, pp.150-157.  
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## Refereed Conferences

1. I. Pachoulakis and N. Papadopoulos, "Exergames for Parkinson's Disease Patients: the Balloon Goon game", in Proceedings of the 2016 International Conference on Telecommunications and Multimedia (TEMU'16) - published in IEEE Xplore, 25-27 July 2016, Heraklion, Crete, Greece, pp.12-17.  
[link at: <http://ieeexplore.ieee.org/document/7551908/>]
2. I. Pachoulakis and S. Marinakis, "Customizing Physiotherapy Games tailored to Parkinson's Disease", in Proceedings of the 2016 International Symposium on Ambient Intelligence and Embedded Systems (AMIES 2016), H. Dispert and G.M. Papadourakis (eds), 22-24 September 2016, Heraklion, Crete, Greece.  
[link at: <http://amies-2016.international-symposium.org/proceedings.html>]
3. D. Tsilidi and I. Pachoulakis, "Carpal Tunnel Syndrome Rehabilitation using serious games", in Proceedings of the 2016 International Symposium on Ambient Intelligence and Embedded Systems (AMIES 2016), H. Dispert and G.M. Papadourakis (eds), 22-24 September 2016, Heraklion, Crete, Greece.  
[link at: <http://amies-2016.international-symposium.org/proceedings.html>]
4. I. Pachoulakis and G. Pontikakis "Combining Features of the Unreal and Unity Game Engines to Hone Development Skills", in Proceedings of the 9th International Conference on New Horizons in Industry, Business and Education (NHIBE 2015), G.M. Papadourakis (ed), 27-29 August 2015, Skiathos, Greece, pp.64-68.  
[link at: <http://nhibe2015.vs-net.eu/>]
5. I. Pachoulakis, N. Papadopoulos and C. Spanaki, "Are Game Platforms Suitable for Parkinson Disease Patients?", in Proceedings of the 9th International Conference on New Horizons in Industry, Business and Education (NHIBE 2015), G.M. Papadourakis (ed), 27-29 August 2015, Skiathos, Greece, pp.58-63.  
[link at: <http://nhibe2015.vs-net.eu/>]
6. I. Pachoulakis and K. Kourmoulis, "Building a Gait Analysis Framework for Parkinson's Disease Patients: Motion Capture and Skeleton 3D Representation", in Proceedings of the 2014 International Conference on Telecommunications and Multimedia (TEMU'14) - published in IEEE Xplore, 28-30 July, Heraklion, Crete, Greece  
[link at: <http://www.temu.gr/2014/>]
7. K. Kapetanakis, H. Andrioti, H. Vonorta, M. Zotos, N. Tsigkos and I. Pachoulakis, "Collaboration Framework in the EViE-m Platform", in Proceedings of the 2013 European Association for Education in Electrical and Information Engineering Annual Conference (EAEEIE'13), 30-31 May, Chania, Crete, Greece  
[link at: <https://ieeexplore.ieee.org/document/6576525/>]
8. I. Pachoulakis and K. Kapetanakis, "The Question Manager and Tutoring Module for the EViE-m Platform", in Proceedings of the International Conference on Telecommunications and Multimedia (TEMU'12), 30 July -1 August, Heraklion, Crete, Greece, pp.196-201.  
[link at: <http://www.temu.gr/2012/>]
9. K. Savvakis, Ch. Athanasaki, K. Loulakakis, A. Malamos, I. Pachoulakis, K. Vasilakis, S. Drakoulakis and J. Kaliakatsos, "Estimation of workload for academic staff members in T.E.I. of Crete", in Proceedings of the 7th International Conference on New Horizons in Industry, Business and Education (NHIBE 2011), G.M. Papadourakis (ed), 25-26 August 2011, Chios, Greece.  
[link at: <http://nhibe2011.teicrete.gr/>]
10. I. Pachoulakis, "Realistic Multimedia Tools based on Physical Models: II. The Binary 3D Renderer (B3dR)", in Proceedings of the International Conference on Telecommunications and Multimedia (TEMU'08), 16-18 July 2008, Ierapetra, Greece.  
[link at: <http://www.temu.gr/2008/papers.html>]
11. I. Pachoulakis, "Realistic Multimedia Tools based on Physical Models: I. The Spectrum Analyzer and Animator (SA2)", in Proceedings of the International Conference on Telecommunications and Multimedia (TEMU'08), 16-18 July 2008, Ierapetra, Greece  
[link at: <http://www.temu.gr/2008/papers.html>]
12. A. Anastasakis & I. Pachoulakis, "Η Συμβολή των ΤΠΕ στο Marketing Plan των Ξενοδοχειακών Επιχειρήσεων της Κρήτης", in Management & Marketing στις Τουριστικές Επιχειρήσεις: Σύγχρονες και Καινοτόμες Προσεγγίσεις (MMTE 2008), 29-30 Μαΐου 2008, ΤΕΙ Κρήτης, Ηράκλειο.

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13. I. Pachoulakis, "Realistic Multimedia: From Physical Models to Instructive Multimedia Content", in Proceedings of the 8th International Conference on Computer Based Learning in Science (CBLIS 2007) - Contemporary Perspectives on New Technologies in Science and Education, C.P. Constantinou, Z.C. Zacharia and M. Papaevripidou (eds), 30 June - 6 July 2007, Learning in Science Group, University of Cyprus, ISBN 978-9963-671-06-9, pp.304-315.  
[link at: <http://cblis2007.teiher.gr/>]
  14. I. Pachoulakis, "Realistic Interactive Multimedia Generation using Physical Models - II. Visualizing the Stellar Wind Effective Envelopes", in Proceedings of the Annual Conference on Telecommunications and Multimedia (TEMU'06), 5-7 July, 2006, Heraklion, Crete, Greece.  
[link at: <http://www.temu.gr/2006/>]
  15. I. Pachoulakis, "Realistic Interactive Multimedia Generation using Physical Models - I. Visualizing the Stellar Surfaces", in Proceedings of the Annual Conference on Telecommunications and Multimedia (TEMU'06), 5-7 July, 2006, Heraklion, Crete, Greece.  
[link at: <http://www.temu.gr/2006/>]
  16. I. Pachoulakis, "Synchronous and Asynchronous Consumer Targeting in Mobile Marketing", in Proceedings of the Annual Conference on Telecommunications and Multimedia (TEMU'05), 23-26 June, 2005 ISBN 960-88785-1-9, pp.108-114.  
[link at: <http://www.temu2005.org/>]
  17. I. Pachoulakis, "Multimedia Wearable Sets: Devices and Communications", in Proceedings of the Annual Conference on Telecommunications and Multimedia (TEMU'05), 23-26 June, 2005 ISBN 960-88785-1-9, pp.142-149.  
[link at: <http://www.temu2005.org/>]
  18. I. Pachoulakis, "Multimedia Wearable Sets: Applications and Services", in Proceedings of the Annual Conference on Telecommunications and Multimedia (TEMU'05), ISBN, 23-26 June, 2005 ISBN 960-88785-1-9, pp.150-157.  
[link at: <http://www.temu2005.org/>]
  19. D. Akoumianakis and I. Pachoulakis, "Scenario Networks: Specifying User Interfaces with Extended Use Cases", in Proceedings of the 10th Panhellenic Conference in Informatics (PCI 2005), P. Bozaris and E.N. Houstis (eds), Springer-Verlag, Lecture Notes in Computer Science, Vol.3746, 2005, pp.491-501.  
[link at: <http://www.springerlink.com/>]
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