



Curriculum Vitae

1. Personal information

First name(s) / Surname(s) **Nikos Sakkas, Dr. Eng**
Address(es) 12, Odysseos str., 71307, Heraklion, GREECE
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E-mail(s) sakkas@apintech.com
Date of Birth 18 May 1959
Gender Male
Early years I grew up in the UK, London and Liverpool, and attended primary school there for 4 years, during the Beatles time. Upon my return to Greece I spent most of my high school years in the Evangeliki School of N. Smirni, and graduated from the 10th school at Ampelokipi (year 1977)

2. Current activities

Name of employer: Hellenic Mediterranean University, East Med Technology Transfer Unit (EMTTU)

Dates 01/06/1997 - today

Position held Professor

Activities and responsibilities Energy & environmental management

Name of employer: University of Hull, School of Engineering and ICT

Dates 01/01/2018 - today

Position held Visiting Professor

Activities and responsibilities Networking between EU and Chinese academic and business groups

Name : Apintech Ltd (www.apintech.com), Cyprus and Korea

Dates 01/01/2002 - today

Position held Partner

Activities and responsibilities ICT and electronics

Name of employer: European Commission

Activities and responsibilities EU Project reviewer/ evaluator of R&D projects and moderator in key EU workshops (e.g. Impact workshops held in Brussels in April 2015 and 2016)
40 weekly contracts in the last 20 years

Member of the Steering Committee of the EEB PPP (2010- 2011) (EEB= Energy Efficiency in Buildings, PPP= public private partnership)

3. Past activities

Name of employer Planet Ernst & Young SA (www.planetey.com)

Dates 01/01/1993- 01/06/2001 (8 years)

Occupation or position held Director

Activities and responsibilities Industrial Consulting and technical assistance

Type of business or sector Business planning, action planning, programme evaluation and monitoring services.
Appointed General Director at the Technology Park of Crete (1994- 1995)

Government invitation EVENT ICT (INFORMATION AND COMMUNICATION TECHNOLOGIES) SYRIA, 20-22/04/2001
"Technology Parks as instruments for business innovation: A presentation of the Greek experience and an identification of transferable concepts and practices"

Name of employer Plastika Kritis S.A, global plastics manufacturer, Heraklion, Crete, Greece

Dates 01/01/1990- 31/12/1992 (3 years)

Occupation or position held Process automation specialist

Activities and responsibilities Project Development Engineer. Vast experience on plant layout, automation, PLC/ PC control systems, linkage of sales and production systems, plastic recycling.

Type of business or sector Process Industry; plastics

4. Education

University: Imperial College (UK)

Dates 01/1/1989 - 31/10/1989

Title of qualification awarded Post doctorate research certificate

Subjects covered Process automation for the water and wastewater industry

University: Un. of the Aegean (GR)

Dates 01/10/1986 - 31/12/1989

Title of qualification awarded Doctorate Degree

Subjects covered Environmental management

University: National Technical University of Athens (NTUA) (GR)

Dates 01/10/1977 - 31/16/1983

Title of qualification awarded Dipl. Eng (Mech)

Subjects covered 5 year Mechanical Engineering curriculum

5. Personal skills and competences

Mother tongue(s) Greek

Other language(s)

Self-assessment <i>European level</i> (*)	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Excellent	Excellent	Excellent
French	Good	Very Good	Good	Good	Good
German	Good	Very Good	Good	Good	Good

6. Publications

Politics & Literary <https://nikossakkas.wixsite.com/artdrop>

Scientific work (see Annex below)

International Journals

1. Sofia Yfanti, Nikos Sakkas, Nikolaos Vailakis and Anastasia Nistikaki **Environmental Sustainability and Regional Competitiveness: Innovative Steps by a Local Public Authority towards Energy Saving**, *Journal of Energy and Power Engineering* 13 (2019) 149-161, *Journal of Energy and Power Engineering* 13 (2019) 149-161, doi: 10.17265/1934-8975/2019.04.003
2. Sofia Yfanti, Nikos Sakkas & Ioannis Iliadis **Impact assessment of a shell element retrofit: Measuring U value change with a non-intrusive metering system**, *International Journal of Innovative Science and Research Technology* Vo.3 , Issue 11, November 2018
3. Sofia Yfanti, David Edgar & Nikos Sakkas **Construction sector: a promising playground for innovation adoption and implementation**, *International Journal of Engineering Technology Research & Management*, Vo.2, Issue 1, January 2018
4. Sofia Yfanti, Nikos Sakkas & Natasa Nistikaki **Energy Savings in municipal road lighting: The case of the Municipality of Hersonisos** *Journal of Physical Science and Application*, Vo.7, Issue 3, pp.59-65
5. Sofia Yfanti, David Edgar, Bryan Temple & Nikos Sakkas **Innovation and Clustering: Lessons from the Construction Sector and Critical Success Factors for Adoption and Implementation. Lost Cause or Lacuna?** *International Journal of Science and Engineering Investigations*, Vo.6, Issue 61, February 2017, pp.76-88
6. Nikos Sakkas & Evangelos Kaltsis **A Methodology for Introducing M&V Adjustments during an Energy Retrofit Impact Assessment**. *Open Journal of Energy Efficiency*, 3, 77-84. doi: 10.4236/ojee.2014.33008
7. Costas Daskalakis & Nikos Sakkas **Meeting the Challenges for Wireless Sensor Network Deployment in Buildings**, *International Journal of Sensors and Sensor Networks* Vol. 1, No. 1, February 2013
8. Kouveletsou M, Sakkas, N et.al **Simulating energy use and energy pricing in buildings: The case of electricity** *Energy and Buildings* 54 (2012) 96–104
9. Nikos Sakkas, Maria Kouveletsou, Daniela Reccardo, Steve Garvin and Marko Batic **Simulating energy use and energy pricing in buildings**, *Energy and Buildings*, 2012
10. I. Georgaki, N. Sakkas, et. al, **The Role of Bulking Agent in Pile Methane and Carbon Dioxide Concentration during Wastewater Sludge Windrow Composting**, *Water Environment Research*, Volume 80, 2008
11. Georgaki, N. Sakkas, et. al, **Evaluating the use of electrical resistivity imaging technique for improving CH₄ and CO₂ emission rate estimations in landfills**, *Science of the Environment*, 389, 522- 531, 2008
12. N. Sakkas and J. Perez, **Elaborating metrics for the accessibility of buildings**, *Computers, Environment and Urban Systems*, Nov. 2005
13. N. Sakkas and T. Manios, **End of Life Vehicle Management in Areas of Low Technology Sophistication. A Case Study in Greece**, *Business Strategy and the Environment*, Volume 12, Issue 5, 2003
14. T. Manios, E. Gaki, S. Banou and N. Sakkas, **Closed wastewater cycle in a meat producing and processing industry**, *Resources, Conservation and Recycling*, 2003
15. T.D. Lekkas, Nikos Sakkas, **Using GAC to control THMs in drinkable water. First results from an experimental study at the Athens Water Works utility**, *Global Nest, The International Journal*, 2001, vol. 3, number 3, pp 189- 197
16. Nikos Sakkas and Rainer Malkewitz, **The Hyper Chain as a Many to Many Collaborative Environment: Business, Management, Implementation, and Security Issues**, *Int. Journal of Information, Systems and Knowledge Management*, (2001), Vol.2, Number 3, pp 229- 238.
17. D. Apostolou, N. Sakkas and G. Mentzas, **Knowledge Networking in Supply Chains. A Case Study in the wood/ furniture sector**, *Int. Journal of Information, Systems and Knowledge Management*, pp 267- 281, 1(1999).
18. Nikos Sakkas, Rainer Malkewitz, D. Apostolou, **The rise of the Hyper-Chains: Business Effects of Emerging Internet enabled Information Systems. Early experiences from the wood/ furniture manufacturing sector**, *Int. Journal of Information Management* , pp.305- 318, 19 (1999).

19. N.D.Sakkas and T.D.Lekkas, **Detachment mechanisms in a liquid fluidised bed.** Journal of Environmental Technology, 1996, Vol.17, pp 517- 524
20. N.D.Sakkas and T.D.Lekkas, **Hydrodynamic characteristics of the solid-liquid fluidised bed developing during the backwash of filter media.** Journal of Environmental Technology, Feb. 1989, Vol.10, pp. 151-166.

International Conferences

1. N. Sakkas, N. Vidakis, E. Charalambaki, **"Mainstreaming Design for All policies in the EU. From policy to new business development and new educational curricula design"**, Fourth Int. Conference, New Horizons in Industry, Business and Education, Corfu, 24-25 August, 2005
2. S. Yfanti, N. Sakkas, N. Vidakis, **"Customer Relationship Management"**, Fourth Int. Conference, New Horizons in Industry, Business and Education, Corfu, 24-25 August, 2005
3. Nikos Sakkas and Evangelos Mylonas, **"Flexible floating structures providing for both coastal protection and wave energy production and their integration in coastal management and decision support systems"** (accepted for publication), First Int. Conference on Sustainable Planning & Development, Skiathos, 2003
4. Evangelos Mylonas and Nikos Sakkas, **Business models and technical architectures for an advanced energy management combined with IT services at the residential level. The COGENVAD initiative**, (accepted for publication), First Int. Conference on Energy & Environment, Halikidiki, 2003
5. Eleni Gaki, ... , Nikos Sakkas. **Production, treatment and reuse of wastewater in the largest meat producing industry in Crete, Greece**, IWA Regional Symposium, Heraklion 2002, pp. 507- 513.
6. Nikos Sakkas and Rainer Malkewitz, **Internet Hyper Chains. Architectures to add flexibility to the value chain.**, European e-2000 conference, Madrid, IOS Press, pp. 2000.
7. Rainer Malkewitz, Manuel Oliveira and Nikos Sakkas, **WIT Space Planner – internet enabled 3D graphics in Furniture Business.**, Business and Work in the information society, IOS Press. 1999, pp. 582- 588.
8. Dimitris Apostolou, Nikos Sakkas and Grigoris Mentzas, **Enabling knowledge sharing in supply chain management: A case study in the wood / furniture sector.**, 5th International Conference of the Decision Sciences Institute, Athens, Greece, July 4-7, 1999.
9. Nikos Sakkas και Rainer Malkewitz, **The rise of the Hyper-Chains: Business Effects of Emerging Internet enabled Information Systems. Early experiences from the wood/ furniture manufacturing sector.**, European IIM conference, Goetenburg- Sweden, October 1998.
10. N.D.Sakkas and D.G.Gritsis, **Enabling data sharing and business interactivity through advanced Internet based tools. The WIT approach**, European IIM Conference, Dresden, September 1997.
11. G.E.Chamilothoris and N.D.Sakkas, **Patterns of Introduction of CIME solutions in the Greek Industry.** "Sharing CIM Solutions" Proceedings of the 10th CIM-Europe Conference, IOS Press, pp.26-32, 1994.