

CURRICULUM VITAE

NAME : Stelios

SURNAME : Krinidis

FATHER's NAME : Dimitrios

WORK POSITION : Assistant Professor

DEPARTMENT : Department of Management
Science and Technology

UNIVERISTY : International Hellenic University

LOCATION : Kavala, Greece

e-mail : krinidis@mst.ihu.gr



Educations

- 1999-2004** **Ph.D.** studies at the Computer Science Department, Aristotle University of Thessaloniki.
- Supervisor: **Dr. Ioannis Pitas**. (Director of the Artificial Intelligence and Information Analysis Laboratory).
- Title of the Ph.D. thesis: «Deformable Models Techniques on Computer Vision and 3D Image Processing Problems.».
- Graduation date: **28 June 2004.**
- Ph.D Grade: Highest.
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- 1995-1999** **University studies** at the Computer Science Department, Aristotle University of Thessaloniki.
- Graduation grade: 7.93.
- Graduation date: 21/10/1999.
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- 1992-1995** Senior high school (General degree «Honor» (19 5/13)).

Foreign Languages

- English* Certificate of Proficiency in English (University of Michigan), August 2004.

Teaching Experience

- 21/11/2021 – today** *International Hellenic University (IHU)*
Department of Management Science & Technology
Assistant Professor.
Undergraduate Study Program.
Courses: **a)** Artificial Intelligence, **b)** Big Data, **c)** Neural Networks
- 13/01/2022 – today** *International Hellenic University (IHU)*
Department of Management Science & Technology
Assistant Professor.
Postgraduate Study Program: Information Systems
Courses: **a)** Artificial Intelligence, **b)** Big-Data
- 24/03/2022 – today** *International Hellenic University (IHU)*
Department of Management Science & Technology

Assistant Professor.
Postgraduate Study Program: Digital Marketing
Courses: Big Data

- 01/10/2012 – 05/07/2013** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Systems analysis – Software engineering, **b)** Computer Architecture, **c)** Object Oriented Programming
- 01/11/2011 – 15/06/2012** *Democritus University of Thrace*
Department of Agricultural Development
Invited lecturer.
Courses: **a)** Informatics I, **b)** Informatics II, **c)** Informatics III, **d)** Informatics IV
- 17/10/2011 – 28/06/2012** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Databases II (Information Management Department), **b)** Systems analysis – Software engineering (Information Management Department), **c)** Computer Architecture (Information Management Department), **d)** Informatics I (Department of Accountancy), **e)** Informatics II (Department of Accountancy)
- 01/11/2010 – 15/06/2011** *Democritus University of Thrace*
Department of Agricultural Development
Invited lecturer.
Courses: **a)** Informatics I, **b)** Informatics II, **c)** Informatics III, **d)** Informatics IV
- 01/10/2010 – 27/06/2011** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Databases I (Information Management Department), **b)** Databases II (Information Management Department), **c)** Systems analysis – Software engineering (Information Management Department)
- 01/10/2009 – 31/08/2010** *Aristotle University of Thessaloniki*
Computer Science Development
Invited lecturer.
Courses: **a)** Advanced Programming Techniques, **b)** Object Oriented Programming
- 01/10/2009 – 05/07/2010** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Introduction to Digital Communications (Industrial Information Department), **b)** Databases I (Information Management Department), **c)** Systems analysis – Software engineering (Information Management Department)

- 01/10/2008 – 28/02/2009** *Aristotle University of Thessaloniki*
Computer Science Development
Invited lecturer.
Courses: **a)** Object Oriented Programming
- 01/10/2008 – 03/07/2009** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Introduction to Digital Communications (Industrial Information Department), **b)** Databases I (Information Management Department), **c)** Data Structures (Information Management Department), **d)** Information Systems Security (Information Management Department)
- 01/10/2007 – 04/07/2008** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Signal and Systems (Industrial Information Department), **b)** Introduction to Digital Communications (Industrial Information Department), **c)** Databases I (Information Management Department)
- 02/10/2006 – 05/07/2007** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Signal and Systems (Industrial Information Department), **b)** Introduction to Digital Communications (Industrial Information Department), **c)** Databases I (Information Management Department)
- 01/10/2006 – 30/06/2007** *Technological Institute of Kavala*
Invited teacher on *Open and Distance Education* for the project with action title: “4.1.1 Positive Actions in Favour of Women”
- 03/10/2005 – 05/07/2006** *Technological Institute of Kavala*
Invited lecturer.
Courses: **a)** Signal and Systems (Industrial Information Department), **b)** Introduction to Digital Communications (Industrial Information Department), **c)** Databases I (Information Management Department)
- Vernal Semesters**
2002, 2003 *Aristotle University of Thessaloniki*
Laboratory assistance
Courses: Digital Image Processing (Computer Science Department)

Working/ Research Experience

- 01/11/2017 – today** ***Pragma-IoT P.C.***
Cofounder of the spin-off of CERTH/ITI, Pragma-IoT P.C.
- 01/02/2021 – today** ***EnaliaTec IKE***
Cofounder and member of the Board of the spin-off of CERTH/ITI, EnaliaTec IKE
- 15/04/2021 – 14/06/2021** ***PRAGMA IoT P.C.***
Customs Monitoring System Integration
Subcontracting (EPI Systems)
- 01/03/2020 – 10/11/2022** ***Center of Research and Technology Hellas***
BIMERR: BIM-based holistic tools for Energy-driven Renovation of existing Residences
(H2020-LC-EEB-02-2018 RIA)
- 01/11/2020 - today** ***Center of Research and Technology Hellas***
PRECEPT: A novel decentralized edge-enabled PREsCriptivE and ProacTive framework for increased energy efficiency and well-being in residential buildings
(H2020-NMBP-ST-IND-2018-2020 IA)
- 01/11/2020 – 10/11/2022** ***Center of Research and Technology Hellas***
REACH: EuRopEAn incubator for trusted and secure data value CHains
(H2020-DT-ICT-05-2020 IA)
- 01/11/2020 – 31/10/2021** ***PRAGMA IoT P.C.***
MARKET 4.0: A Multi-Sided Business Platform for Plug and Produce Industrial Product Service Systems
Open Call (EVOLUTIO project)
(H2020-NMBP-20-2018)
- 01/07/2020 – 10/11/2022** ***Center of Research and Technology Hellas***
RINNO: An augmented intelligence-enabled stimulating framework for deep energy renovation delivering occupant-centered innovations
(H2020-LC-SC3-2019 IA)
- 01/03/2020 – 30/06/2020** ***Center of Research and Technology Hellas***
SMILE: Smart Mobility at the European Borders
(H2020-SEC-14-BES-RIA)
- 28/02/2020 – 11/05/2020** ***PRAGMA IoT P.C.***
LAMS – Smart Logistics in Manufacturing
Open Call (TALOS project)

- 15/02/2020 – 14/02/2021** **PRAGMA IoT P.C.**
CloudiFacturing: Cloudification of Production Engineering for Predictive Digital Manufacturing Open Call (OPTIMUM project)
(H2020-FOF-12-2017)
- 01/07/2019 – 30/11/2020** **PRAGMA IoT P.C.**
Fysiko Aerio Attikis: Smart Energy Solutions Subcontracting
- 01/11/2018 – 30/04/2021** **Center of Research and Technology Hellas**
DELTA: Future tamper-proof Demand rEsponse framework through seLf-configured, self-opTimized and collAborative virtual distributed energy nodes
(H2020-LCE-IA)
- 01/10/2018 – 31/03/2019** **PRAGMA IoT P.C.**
EDI: European Data Incubator Open Call
(H2020-ICT-14-2017)
- 01/01/2018 – today** **Center of Research and Technology Hellas**
Plug-n-Harvest: PLUG-N-play passive and active multi-modal energy HARVESTing systems, circular economy by design, with high replicability for Self-sufficient Districts Near-Zero Buildings
(H2020-EEB-IA)
- 01/11/2016 – 30/11/2019** **Center of Research and Technology Hellas**
enCOMPASS: Collaborative Recommendations and Adaptive Control for Personalised Energy Saving
(H2020-EE-IA)
- 01/05/2016 – 31/10/2018** **Center of Research and Technology Hellas**
GreenSoul: Eco-aware Persuasive Networked Data Devices for User Engagement in Energy Efficiency
(H2020-EE-RIA)
- 01/03/2016 – 31/12/2016** **Center of Research and Technology Hellas**
SWIMing: Semantic Web for Information Management in Energy Efficient Buildings
(H2020-EEB-CSA)
- 01/09/2015 – 31/12/2017** **Center of Research and Technology Hellas**
SatisFactory: A collaborative and augmented-enabled ecosystem for increasing SATISfaction and working experience in smart FACTORY environments
(H2020-FoF-IA)
- 28/07/2015 – 05/12/2017** **E2SOL**

Cofounder and member of the Board of the spin-off of
CERTH/ITI, E2SOL IKE

- 01/07/2014 – 30/09/2015** *Center of Research and Technology Hellas*
INERTIA: Integrating Active, Flexible and Responsive
Tertiary Prosumers into a Smart Distribution Grid
(FP7-ICT-STREP)
- 01/03/2013 – 31/10/2014** *Center of Research and Technology Hellas*
ADAPT4EE: Occupant Aware, Intelligent and Adaptive
Enterprises
(FP7-ICT-STREP)
- 01/10/2012 – 30/03/2013** *Center of Research and Technology Hellas*
BIOTAYTOTITA: Secure and Revocable Biometric
Identification for use in Disparate Intelligence
Enviroments
(DIA-NSRF)
- 15/04/2005 – 31/08/2008** *Research Committee of Technological Institute of
Kavala*
Studies of informatics support of Technological Institute
of Kavala
- 01/12/2004 – 31/08/2005** *Research Committee of Democritus University of Thrace*
Reformation of the undergraduate curriculums at the
Democritus University of Thrace
- 01/06/2004 – 31/07/2004** *Research Committee of Aristotle University of
Thessaloniki*
SIMILAR: The European Research Taskforce Creating
Human-Machine Interfaces SIMILAR to Human-Human
Communication
(FP6-IST)
- 01/06/2004 – 31/07/2004** *Research Committee of Aristotle University of
Thessaloniki*
Reformation of the Computer Science Department
undergraduate curriculum.
- 01/11/2001 – 31/12/2003** *Center of Research and Technology Hellas*
WORLDS-STUDIO: Innovative Computer Tools and
Methods for Virtual 3D Environments Production
(FP5-IST)
- 01/07/2001 – 31/08/2001** *Research Committee of Aristotle University of
Thessaloniki*
PENED: 3D Image Processing and Virtual Reality in
Medicine and Dentistry

- 01/04/2001 – 30/06/2001** *Research Committee of Aristotle University of Thessaloniki*
CERTIMARK: Certification of Techniques for Digital Watermarking
(FP5-IST)
- 01/06/2000 – 31/03/2001** *Research Committee of Aristotle University of Thessaloniki*
PENED: 3D Image Processing and Virtual Reality in Medicine and Dentistry
- 01/12/1999 – 31/05/2000** *Research Committee of Aristotle University of Thessaloniki*
INSPECT: Innovative Signal Processing Exploiting Chaotic Dynamics
(FP4-ESPRIT)

Companies

- 01/11/2017 – today** **Pragma-IoT P.C.**
Cofounder of the spin-off of CERTH/ITI, Pragma-IoT P.C.
R&D Manager.
- 01/02/2021 – today** **EnaliaTec IKE**
Cofounder and member of the Board of the spin-off of CERTH/ITI, EnaliaTec IKE.
CTO.
- 28/07/2015 – 05/12/2018** **E2SOL IKE**
Cofounder and member of the Board of the spin-off of CERTH/ITI, E2SOL IKE.
R&D Manager.

Evaluator

Internal evaluator:

- REACH H2020 project (<https://www.reach-incubator.eu/>) - 1st Open Call (May 2021);

External Evaluator:

- Mind4Machines H2020 project (<https://mind4machines.eu/>) – 1st Open Call (August 2022);
- ONTOCHAIN project (<https://ontochain.ngi.eu/>) - 3rd Open Call (July 2022);
- HosmarAI H2020 project (<https://www.hosmartai.eu/>) – 1st Open Call (May 2022);

- ONTOCHAIN project (<https://ontochain.ngi.eu/>) - 2nd Open Call (October 2021);
- ZDMP H2020 project (<https://www.zdmp.eu/>) - 1st Open Call (May 2021).

Reviewer

International Journals:

- IEEE Transactions on Image Processing
- IEEE Transactions on Fuzzy Systems
- IEEE Computational Intelligence Magazine
- IEEE Geoscience & Remote Sensing Letters
- EURASIP Journal on Image and Video Processing
- Elsevier Image and Vision Computing
- Elsevier Biomedical Signal Processing and Control
- Elsevier Digital Signal Processing
- Elsevier Journal of Visual Communication and Image Representation
- International Journal of Pattern Recognition and Artificial Intelligence
- Diagnostic Pathology
- Science Asia

International Conferences:

- ICIP 2022 (Program Committee member)
- AIAI 2022 ([Program Committee member](#))
- IEEE HONET 2022 ([Program Committee member](#))
- IoTE 2022 ([Program Committee member](#))
- ICCCI 2022 (Program Committee member)
- ITISE 2022 (Program Committee member)
- AIIPCC 2022 (Program Committee member)
- CCM 2022 (Program Committee member)
- CRYPIS 2022 ([Program Committee member](#))
- FCST 2022 ([Program Committee member](#))
- ICIP 2021 (Program Committee member)
- IEEE HONET 2021 (Program Committee member)
- ICVS 2021 (Program Committee member)
- IoT 2021 (Program Committee member)
- MIKE 2021 (Program Committee member)
- ACITY 2021 (Program Committee member)
- AIAI 2021 (Program Committee member)
- EANN 2021 (Program Committee member)
- ICVS 2021 (Program Committee member)
- ESSE 2021 (Program Committee member)
- CRYPIS 2021 (Program Committee member)
- DBIoT 2021 (Program Committee member)
- MEIE 2021 (Program Committee member)
- FCST 2021 (Program Committee member)
- CLBD 2021 (Program Committee member)
- BDAB 2021 (Program Committee member)

- DMDB 2021 (Program Committee member)
- DKMP 2021 (Program Committee member)
- CLOUD 2021 (Program Committee member)
- NBIoT 2021 (Program Committee member)
- ITCSE 2021 (Program Committee member)
- BIoT 2021 (Program Committee member)
- NCWMC 2021 (Program Committee member)
- SOEN 2021 (Program Committee member)
- WiMoA 2021 (Program Committee member)
- WiMoNe 2021 (Program Committee member)
- CCCI 2021
- ICIP 2020 (Program Committee member)
- IEEE HONET 2020 (Program Committee member)
- IoT 2020 (Program Committee member) – Session Chair
- PRAConBE 2020 (Committee member)
- BDIoT 2020 (Program Committee member)
- SESBC 2020 (Program Committee member)
- CCCI 2020
- ICVS 2019 (Program Committee member)
- IoT 2019 (Program Committee member)
- ICIP 2019 (Program Committee member)
- ICPM 2019 (Program Committee member)
- IoP 2019 (Program Committee member)
- ES2DE 2019 (Program Committee member)
- ICIP 2018 (Program Committee member)
- ES2DE 2018 (Program Committee member)
- 3DTV-CON 2017 (Program Committee member)
- AIAI 2016 (Program Committee member)
- AIAI 2014 (Program Committee member)
- ISCCSP 2014
- DSP 2013
- ICIP 2013
- CIMA 2012
- ISCAS 2009
- MIC-CCA 2008
- MIC-CCA 2007

Supervision of Doctoral Dissertations

Member of the Committee of Doctoral Dissertation of:

- Mrs. Asimina Dimara (start at 2022) – Title “Transformation of Traditional Buildings to Proactive Ones with Smart Innovative Technologies”
- Mr. Alexandros Vrochidis (start at 2022) – Title “Computer Vision and Artificial Intelligence Approaches for Real-Time Video Analysis”

- Mr. Alexios Papaioannou (start at 2022) – Title “Artificial Intelligence Approaches for Building Performance Optimization”
- Mr. Kyrikos Apostolidis (start at 2022) – Title “Advanced Deep Learning Models in Computer Vision”

Workshops/ Conferences Organizations

1.	<u>Workshop:</u> Workshop on AI in Energy, Buildings and Micro-Grids Workshop (AIBMG)	17-20 June 2022	Workshop in an International Conference	<i>Dr. Krinidis was the principal organizer of the workshop, organized within AIAI conference (https://ifipaiai.org/2022/)</i>
2.	<u>Workshop:</u> Workshop on Energy Efficiency and Artificial Intelligence (EEAI) Workshop	25-27 June 2021	Workshop in an International Conference	<i>Dr. Krinidis was the principal organizer of the workshop, organized within AIAI conference (http://www.aiai2021.eu/eeai/)</i>
3.	<u>Workshop:</u> Workshop on Cognitive and Computer Vision Assisted Systems for Energy Awareness and Behavior Analysis (C2VAS)	23-25 September 2019	Workshop in an International Conference	<i>Dr. Krinidis was the principal organizer of the workshop, organized within ICVS conference (https://www.icvs2019.org/)</i>

Honorable Distinctions

February 2020

L4MS

Won the “L4MS – Smart Logistics in Manufacturing” 2nd Open Call among 28 teams, by providing a smart solution for breweries automation.

November 2019

FinQuest

Won the FinQuest competition among 70 teams, organized by Alpha Bank, providing a novel solution for the spatio-temporal analysis of occupancy in indoor environments at real-time.

February 2019

Switch_On Innovation Lab

Won the Switch-On Innovation Lab Bootcamp competition among 57 teams, organized by HEDNO, providing a novel solution for analyzing smart meters data towards failure detection, maintenance, as well as fraud detection.

October 2018

EDI

Won the European Data Incubator (EDI) 1st open call competition among 121 teams, passing to the “Explore” (July 2018) and “Experiment” (October 2018) phases by providing a creative unique solution to real problems through analyzing data from Elektro Ljubljana smart meters

February 2018

HuBA

Award of the team HuBA (Human Behavior Analysis System) at the “The Digital Gate II: Airport Innovation Challenge” competition [category: Exploiting Research Outcomes], organized by the Athens International Airport (AIA), February 2018

Open Source Contributions

- The approach of the paper «S. Krinidis and V. Chatzis, “A Robust Fuzzy Local Information C-means Clustering Algorithm”, IEEE transactions on Image Processing, vol. 19, no. 5, pp. 1328-1337, May 2010» has been implemented and incorporated at [MathWorks](#).

Patents

- D. Tzouvaras, D. Ioannidis, S. Krinidis, L. Makris, K. Kitsikoudis, “Micro-financing platform for pooled investing based on purchase of game of chance tickets or tokens of known face value”, Patent US20200349650A1, Application Number: US16/930, Provisional.

Research Publications

International Journals

- [J1]. C. Korkas, A. Dimara, I. Michailidis, **S. Krinidis**, R. Marin-Perez, A.I. Martínez García, A. Skarmeta, K. Kitsikoudis, E. Kosmatopoulos, C.N. Anagnostopoulos and D. Tzouvaras, “Integration and Verification of PLUG-N-

- HARVEST ICT Platform for Intelligent Management of Buildings”, MDPI Energies, Vol. 15, No 22, 2610. April 2022, doi.org/10.3390/en15072610
- [J2]. A. Dimara, D. Triantafyllidis, **S. Krinidis**, N. Ntaras, O. Koutsogianni, G. Tsoukos, A. Giannopoulos, K. Kitsikoudis, D. Ioannidis, M. Zarkadoula, A. Bizakis, S. Antypas, G. Georgios and D. Tzovaras, “A low-cost business-oriented seaport energy effective management platform”, International Journal of Applied Power Engineering (IJAPE), Vol 11, No 1, pp. 62-90, March 2022, DOI: 10.11591/ijape.v11i1.pp62-90
- [J3]. A. Dimara, V. Vasilopoulos, **S. Krinidis** and D. Tzovaras, “NRG4-U: a novel home energy management system for a unique load profile”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Vol: 44:1, pp. 353-378, 2022, DOI: 10.1080/15567036.2022.2035018
- [J4]. G. Angelis, C. Timplalexis, **S. Krinidis**, D. Ioannidis and D. Tzovaras, “NILM applications: Literature review of learning approaches, recent developments and challenges”, Elsevier Energy and Buildings, Vol. 261, 2022, 111951, doi.org/10.1016/j.enbuild.2022.111951
- [J5]. C. Timplalexis, G. Angelis, **S. Krinidis**, D. Ioannidis and D. Tzovaras, “Low frequency residential non-intrusive load monitoring based on a hybrid feature extraction tree-learning approach”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, vol: 44:1, pp. 493-514, 2022, DOI: 10.1080/15567036.2022.2046663
- [J6]. A. Dimara, C. Anagnostopoulos, **S. Krinidis** and D. Tzovaras, “Personalized thermal comfort modeling through genetic algorithm”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2021, DOI: 10.1080/15567036.2021.1937404
- [J7]. T. Lynn, P. Rosati, A. Egli, **S. Krinidis**, K. Angelakoglou, V. Sougkakis, D. Tzovaras, M. Kassem, D. Greenwood and O. Doukari, “RINNO: Towards an Open Renovation Platform for Integrated Design and Delivery of Deep Renovation Projects”, MDPI Sustainability, vol. 13(11), 6018, 2021, DOI: <https://doi.org/10.3390/su13116018>
- [J8]. K. Peppas, A.C. Tsolakis, **S. Krinidis**, and D. Tzovaras, “Real-time Physical Activity Recognition on Smart Mobile Devices using Convolutional Neural Networks”, Applied Sciences, MDPI, vol. 10, no. 23, 2020. DOI: <https://doi.org/10.3390/app10238482>
- [J9]. E. Lithoxidou, C. Ziogou, T. Vafeiadis, **S. Krinidis**, D. Ioannidis, S. Voutetakis and D. Tzovaras, “Towards the behaviour analysis of chemical reactor utilising data-driven trend analysis and machine learning techniques”, Applied Soft Computing, vol. 94, 106464, 2020.
- [J10]. D. Casado-Mansilla, A. Tsolakis, C.E. Borges, O. Kamara-Esteban, **S. Krinidis**, J.M. Avila, D. Tzovaras and D. Lopez-de-Ipina, “Socio-Economic Effect on ICT-Based Persuasive Interventions Towards Energy Efficiency in Tertiary Buildings”, MDPI Energies, vol. 13, no. 7, 2020. DOI: <https://doi.org/10.3390/en13071700>.
- [J11]. E. Lithoxidou, S. Doumpoulakis, A. Tsakiris, **S. Krinidis**, I. Paliokas, D. Ioannidis, K. Votis, C. Ziogou, S. Voutetakis, E. Elmasllari, D. Tzovaras, “A Novel Social Gamified Collaboration Platform Enriched with Shop-Floor Data and Feedback for the Improvement of the Productivity, Safety and Engagement in Factories”, Computer & Industrial Engineering ", Elsevier, vol. 133, January 2020, DOI: <https://doi.org/10.1016/j.cie.2019.02.005>.

- [J12]. A. Tsolakis, I. Moschos, A. Zerzelidis, P. Tropios, S. Zikos, A. Tryferidis, **S. Krinidis**, D. Ioannidis, D. Tzouvaras, “Occupancy-Based Decision Support System for Building Management: From Automation to End-User Persuasion”, *International Journal of Energy Research*, *International Journal of Energy Research*, pp. 1-20, 2019 Doi: <https://doi.org/10.1002/er.4445>
- [J13]. C. Timplalexis, A. Dimara, **S. krinidis** and D. Tzouvaras, “Thermal Comfort and Visual Comfort Inference for Residential Users”, *Research & Development in Material Science Journal*, vol. 11, no. 5, September 2019, DOI: [10.31031/rdms.2019.11.000771](https://doi.org/10.31031/rdms.2019.11.000771)
- [J14]. A. Dimara, C. Timplalexis, **S. krinidis** and D. Tzouvaras, “Indoor and Outdoor Temperature Impact on Residential Consumption - A Study in Greece”, *Research & Development in Material Science Journal*, vol. 11, no. 5, September 2019, DOI: [10.31031/rdms.2019.11.000772](https://doi.org/10.31031/rdms.2019.11.000772)
- [J15]. C. Timplalexis, A. Dimara, **S. krinidis** and D. Tzouvaras, “Metabolic Rate and Clothing Estimation for Thermal Comfort Inference”, *Research & Development in Material Science Journal*, vol. 11, no. 4, June 2019, DOI: [10.31031/rdms.2019.11.000767](https://doi.org/10.31031/rdms.2019.11.000767)
- [J16]. T. Vafeiadis, C. Ziogou, G. Stavropoulos, **S. Krinidis**, D. Ioannidis, S. Voutetakis, D. Tzouvaras, K. Moustakas, “Early Malfunction Diagnosis of Industrial Process Units Utilizing Online Linear Trend Profiles and Real Time Classification”, *International Journal of Adaptive Control and Signal Processing*, Wiley, pp. 1-13, 2018, DOI: <https://doi.org/10.1002/acs.2915>.
- [J17]. D. Casado-Mansilla, I. Moschos, O. Kamara-Esteban, A. C. Tsolakis, C. E. Borges, **S. Krinidis**, A. Irizar-Arrieta, K. Kitsikoudis, A. Pijoan, D. Tzouvaras and D. L’opez-de-Ipina, “A Human-centric & Context-aware IoT Framework for Enhancing Energy Efficiency in Buildings of Public Use”, *IEEE Access*, vol. 6, no. 1, pp. 31444-31456, DOI: <https://doi.org/10.1109/ACCESS.2018.2837141>, 2018.
- [J18]. D. Triantafyllou, **S. Krinidis**, D. Ioannidis, D. Tzouvaras, “A real-time, multi-space incident detection system for indoor environments”, *International Journal of Safety and Security Engineering*, vol.8, no. 2, pp. 266-275, 2018
- [J19]. T. Vafeiadis, S. Zikos, D. Ioannidis, **S. Krinidis** and D. Tzouvaras, “Occupancy Inference based on Machine Learning Techniques”, *IEEE Computer Society Special Technical Community on Sustainable Computing Newsletter*, vol. 6, no. 2, April 2018.
- [J20]. D. Arena, A. Tsolakis, S. Zikos, **S. Krinidis**, C. Ziogou, D. Ioannidis, S. Voutetakis, D. Tzouvaras and D. Kiritsis, “Human resource optimisation through semantically enriched data”, *International Journal of Production Research*, DOI: <https://doi.org/10.1080/00207543.2017.1415468>, 2017.
- [J21]. D. Ioannidis, S. Zikos, **S. Krinidis**, A. Tryferidis, D. Tzouvaras and S. Likothabassis, “Occupancy Driven Facility Management and Building Performance Analysis”, *WIT International Journal of Sustainable Development and Planning*, vol. 12, no. 7, pp. 1155-1167, 2017.
- [J22]. D. Ioannidis, M. Vidaurre-Arbizu, C. Martin-Gomez, **S. Krinidis**, I. Moschos, A. Zuazua-Ros, D. Tzouvaras and S. Likothanassis, “Comparison of Detailed Occupancy Profile Generative Methods to Published Standard Diversity Profiles”, *Springer Personal and Ubiquitous Computing*, vol. 21, no. 3, pp. 521-535, June 2017.
- [J23]. D. Ioannidis, P. Tropios, **S. Krinidis**, G. Stavropoulos, D. Tzouvaras and S. Likothanassis, “Occupancy Driven Building Performance Assessment”, *Elsevier*

- Journal of Innovation in Digital Ecosystems*, vol. 3, no. 2, pp. 57-69, December 2016.
- [J24]. C. Martín-Gómez, M. Vidaurre-Arbizu, M. Eguaras-Martínez, **S. Krinidis**, D. Ioannidis, and D. Tzovaras, “Sensor Placement for BPM Analysis of Buildings in Use to Implement Energy Savings Through Building Performance Simulation”, *Journal of Engineering and Architecture*, vol. 2, no. 2, pp. 119-133, December 2014.
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