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Kvalifikationer

Byggeri og bygningsdesign, Ph.D, Aarhus Universitet

1 jan. 2015 → 26 mar. 2018

Dimissionsdato: 26 mar. 2018

Arkitektonisk Design, Teori og Teknologi, Ph.D, University of Palermo

1 jan. 2015 → 26 mar. 2018

Dimissionsdato: 26 mar. 2018

Publikationer

Towards (quantitative) Environmental Life Cycle Assessment of Socially Oriented Design Intentions

Kristoffersen, A. E. & Kamari, A., nov. 2024. 1 s.

Reflections on the Integration of the New Generation of AI/GAI-powered Digital Tools in Architectural Design Practice

Kamari, A., 30 okt. 2024, LinkedIn.

Adapting Sustainability Certification Systems for Historic Buildings: A Qualitative Comparative Study in Denmark

Karimi, F. & Kamari, A., 15 okt. 2024, I: Sustainability. 16, 20, 25 s., 8922.

A critical comparison of concepts and approaches to social sustainability in the construction industry

Kristoffersen, A. E., Schultz, C. P. L. & Kamari, A., 15 aug. 2024, I: Journal of Building Engineering. 91, 68 s., 109530.

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Jahangir, M. F., Kamari, A. & Schultz, C. P. L., jul. 2024, *Proceedings of the 2024 European Conference on Computing in Construction*. Srečković, M., Kassem, M., Soman, R. & Chassiakos, A. (red.). s. 128-135 8 s. (Computing in Construction).

The Anatomy of an Architect's Argument: Formally Capturing Socially-Oriented Design Intentions in the Built Environment

Zayed, Y. N. H., Kristoffersen, A. E., Lohm, G., Kamari, A. & Schultz, C. P. L., jul. 2024, *Proceedings of the 2024 European Conference on Computing in Construction*. Srečković, M., Kassem, M., Soman, R. & Chassiakos, A. (red.). s. 268-275 8 s.

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Comparison of social quality criteria in building sustainability certification systems

Kristoffersen, A. E., Kamari, A. & Petersen, S., sep. 2023. 1 s.

Toward adapting sustainability certification systems for historical building: A comparative study of Italian-GBC-HB and Danish-GBC

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The Potential of Voluntary Sustainability Class to Leverage Sustainability in the Danish Construction Industry

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How can LCA inform early-stage design to meet Danish regulations? The sustainability opportunity metric

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Systems-Oriented Building Design (S.O.B.D.): A new way of storytelling on the design of high-performance buildings for sustainable tomorrow

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Sustainability Key Performance Indicators' (KPIs) assessment and visualization aimed at architects in (early) renovation design processes

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Towards integration of LCA and LCC as a driver for decision-making by municipalities for sustainable renovation of existing buildings

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Diversity in Renovation Design: Theoretical Foundations of the Renovation Domain Model

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PARADIS - A process integrating tool for rapid generation and evaluation of holistic renovation scenarios

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Sustainable renovation of heritage buildings through IPDish and BIM: a case Study

Brahmi, B. F., Boudemagh, S. S., Kitouni, I. & Kamari, A., feb. 2021, *Proceedings of the 54th International Conference of the Architectural Science Association (ANZAScA)*. s. 1026-1035 10 s.

BIM-Enabled Virtual Reality (VR) for Sustainability Life Cycle and Cost Assessment

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Digital technologies as a catalyst to elevating IPD+BIM synergy in sustainable renovation of heritage buildings

Brahmi, B. F., Boudemagh, S. S., Kitouni, I. & Kamari, A., 2021, *ECPPM 2021 - eWork and eBusiness in Architecture, Engineering and Construction: Proceedings of the 13th European Conference on Product & Process Modelling (ECPPM 2021), 15-17 September 2021, Moscow, Russia*. Semenov, V. & Scherer, R. J. (red.). CRC Press/Balkema, s. 446-453 8 s.

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Navigating the vast landscape of spatially valid renovation scenarios

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Wandahl, S., Jensen, S. R. & Kamari, A., feb. 2020, *Profile 2020*. Bruun, J. (red.). Aarhus: Aarhus Universitet, Institut for Ingeniørvidenskab , s. 50-51 2 s.

Development of a BIM-based LCA Tool to Support Sustainable Building Design during the Early Design Stage

Kotula, B. M. & Kamari, A., 2020, *ANZAScA 2020 - 54th International Conference of the Architectural Science Association: Imaginable Futures: Design Thinking, and the Scientific Method*. Ghaffarianhoseini, A., Ghaffarianhoseini, A. & Naismith, N. (red.). Auckland: The Architectural Science Association, s. 395-404 10 s.

Holistic Building Design: An integrated building design methodology based on systems thinking for reaching sustainability

Kamari, A. & Kirkegaard, P. H., 2020, *Anthropologic - Architecture and Fabrication in the cognitive age*. Bind 1. s. 505-514 10 s.

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Wandahl, S., Jensen, S. R., Kamari, A. & Entwistle, J. M., 11 aug. 2019, I: *Jyllandsposten*, JP Århus.

Development of a rating scale to measuring the KPIs in the generation and evaluation of holistic renovation scenarios

Kamari, A. & Kirkegaard, P. H., aug. 2019, I: *I O P Conference Series: Earth and Environmental Science*. 294, 1, 19 s., 012043.

Sustainable Building renovation: towards a holistic tectonics thinking framework in sustainable transformation of built environment by (through) renovation

Kamari, A. & Kirkegaard, P. H., jul. 2019, *Structures and architecture: bridging the gap and crossing borders*. J. S. Cruz, P. (red.). Leiden: CRC Press, s. 83-91 9 s.

Constraint-based renovation design support through the renovation domain model

Kamari, A., Schultz, C. P. L. & Kirkegaard, P. H., maj 2019, I: *Automation in Construction*. 104, s. 265-280 16 s.

A Holistic Multi-Methodology for Sustainable Renovation

Kamari, A., Jensen, S. R., Corrao, R. & Kirkegaard, P. H., jan. 2019, I: *International Journal of Strategic Property Management*. 23, 1, s. 50-64 15 s.

Added values in building renovation: an interdisciplinary research agenda

Petersen, S., Wandahl, S., Kirkegaard, P. H., Gabel, C. H., Jensen, S. R., Elholm, G., Rasmussen, M. K., Kamari, A., Sigsgaard, T. & Neve, H. H., 2019, *SBE 19 Malta: Sustainability & Resilience*. Borg, R. P. & Spiteri Staines, C. (red.). SBE Malta - Sustainable Built Environment Malta, s. 138-139 2 s.

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Makowski, P., Kamari, A. & Kirkegaard, P. H., 2019, *Proceedings of the 36th International Conference of CIB W78, Newcastle-upon-Tyne, UK, 18-20 September*. s. 265-274 10 s.

Potential shift of Integrated Design (ID) through BIM in Sustainable Building Renovation

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Sustainable building renovation: Towards a holistic tectonics thinking framework in the sustainable transformation of the built environment by (through) renovation

Kamari, A. & Kirkegaard, P. H., 2019, *Structures and Architecture - Bridging the Gap and Crossing Borders: Proceedings of the Fourth International Conference on Structures and Architecture (ICSA 2019)*. Cruz, P. J. S. (red.). London: CRC Press, s. 83-90 8 s. (Structures and Architecture, Bind 1).

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Kamari, A., Schultz, C. P. L. & Kirkegaard, P. H., 2019, *SimAUD 2019. 2019 Proceedings of the Symposium on Simulation for Architecture & Urban Design: 10th anniversary edition*. Rockcastle, S., Rakha, T., Cerezo Davila, C., Papanikolaou, D. & Zakula, T. (red.). San Diego: The Society for Modeling and Simulation International (SCS), Bind 51. s. 29-36 8 s.

A BIM-based decision support system for the evaluation of holistic renovation scenarios

Kamari, A., Laustsen, C., Petersen, S. & Kirkegaard, P. H., 27 nov. 2018, I: Journal of Information Technology in Construction. 23, 1, s. 354-380 27 s.

Towards generation of holistic renovation scenarios using Multiple Criteria Decision Making – Case of Energy Consumption, Investment Cost, and Indoor Comfort

Kamari, A., Leonhard Christensen, M., Jensen, S., Petersen, S. & Kirkegaard, P. H., 13 sep. 2018, *International Conference for Sustainable Design of the Built Environment, SDBE 2018: Proceedings*. Elsharkawy, H., Zahiri, S. & Clough, J. (red.). British Council, s. 37-48 12 s. 113

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Building Information Modeling (BIM) 02, Further exploration in Architecture, Engineering and Construction: Civil and Architectural Engineering, Technical Report CAE-TR-4

Kamari, A. (Redaktør) & Kirkegaard, P. H. (Redaktør), 7 aug. 2018, Aarhus: Department of Engineering, Aarhus University . 63 s. (Technical Report; Nr. 4, Bind 5).

Towards generation of holistic renovation scenarios using Multiple Criteria Decision Making

Kamari, A. & Kirkegaard, P. H., 7 jun. 2018.

Developing Holistic Renovation: Unpacking how value can be created in sustainable renovation processes

Kamari, A., Petersen, S., Wandahl, S. & Kirkegaard, P. H., jun. 2018, *ENERGY RENOVATION OF BUILDINGS : Retrofitting Buildings for Cost, Comfort and Climate*. State of Green, s. 14-15 2 s.

A multi-methodology and sustainability-supporting framework for implementation and assessment of a holistic building renovation: Implementation and assessment of a holistic sustainable building renovation

Kamari, A., 25 apr. 2018, Aarhus University: Department of Engineering, Aarhus University. 358 s. (PhD thesis).

A hybrid Decision Support System for Generation of Holistic Renovation Scenarios - Cases of Energy Consumption, Investment Cost, and Thermal Indoor Comfort

Kamari, A., Jensen, S., Leonhard Christensen, M., Petersen, S. & Kirkegaard, P. H., 19 apr. 2018, I: Sustainability. 10, 4, 23 s., 1255.

A multi-methodology and sustainability-supporting framework for implementation and assessment of a holistic building renovation

Kamari, A., mar. 2018, Aarhus: Department of Engineering, Aarhus University. 360 s.

Tectonic Sustainable Building Design for the Development of Renovation Scenarios – Analysis of ten European renovation research projects

Kamari, A., Corrao, R., Petersen, S. & Kirkegaard, P. H., feb. 2018, *Proceedings of Seismic and Energy Renovation for Sustainable Cities: SER4SC*. Margani, G., Rodono, G. & Sapienza, V. (red.). EdicomEdizioni, s. 645-656 12 s.

Towards the development of a Decision Support System (DSS) for building renovation: Domain Mapping Matrix (DMM) for sustainability renovation criteria and renovation approaches

Kamari, A., Corrao, R. & Kirkegaard, P. H., feb. 2018, *Proceedings of the Seismic and Energy Renovation For Sustainable Cities: SER4SC*. Margani, G., Rodono, G. & Sapienza, V. (red.). EdicomEdizioni, s. 564-576 13 s.

Sustainable Renovation Framework: Introducing three levels of Integrated Design Process Implementation and Evaluation

Kamari, A., Corrao, R., Petersen, S. & Kirkegaard, P. H., jul. 2017, *Proceedings of 33rd PLEA International Conference: Design to Thrive, PLEA 2017*. Brotas, L., Roaf, S. & Nicol, F. (red.). Network for Comfort and Energy Use in Buildings (NCEUB), Bind 1. s. 748-755 8 s.

Towards a holistic Approach to Retrofitting: A Critical Review of State-of-the-art Evaluation Methodologies for Architectural Transformation

Jensen, S. R., Kamari, A., Strange, A. & Kirkegaard, P. H., jun. 2017, *World Sustainable Built Conference 2017 - Conference Proceedings: WSBE17 Hong Kong – Transforming Our Built Environment through Innovation and Integration: Putting Ideas into Action*. Hong Kong: Construction Industry Council and Hong Kong Green Building Council Limited, s. 689-696 8 s.

Towards a Holistic Methodology in Sustainable Retrofitting: Theory, Implementation and Application

Kamari, A., Jensen, S. R., Corrao, R. & Kirkegaard, P. H., jun. 2017, *World Sustainable Built Environment Conference 2017 - Conference Proceedings: WSBE17 Hong Kong - Transforming Our Built Environment through Innovation and Integration: Putting Ideas into Action*. Hong Kong: Construction Industry Council and Hong Kong Green Building Council Limited, s. 702-708 7 s.

Sustainability focused decision-making in building renovation

Kamari, A., Corrao, R. & Kirkegaard, P. H., 25 maj 2017, I: International Journal of Sustainable Built Environment. 6, 2, s. 330-350 21 s.

Arkitektur & Renovering

Jensen, S. R., Gabel, C. H., Elholm, G., Neve, H. H., Kamari, A., Petersen, S., Wandahl, S., Kirkegaard, P. H., Sigsgaard, T. & Strange, A., 27 apr. 2017. 1 s.

Holistisk bygningsrenovering

Kamari, A., Gabel, C. H., Elholm, G., Neve, H. H., Jensen, S. R., Petersen, S., Wandahl, S., Kirkegaard, P. H. & Sigsgaard, T., 27 apr. 2017. 1 s.

Building Information Modeling (BIM) for Indoor Environmental Performance Analysis: Civil and Architectural Engineering

Kirkegaard, P. H. (Redaktør) & Kamari, A. (Redaktør), mar. 2017, Aarhus: Department of Engineering, Aarhus University. 86 s. (Technical Report; Nr. 3, Bind 4).

CIB W78: 32nd international conference in "Information Technology for Construction", Eindhoven, Netherlands, October 2015

Kamari, A., dec. 2016, I: Infolio. 33, s. 65-66 2 s.

Eco sustainability: a holistic structure, showing ample opportunities to achieve sustainable human development

pereira, T. & Kamari, A., 23 nov. 2015.

Priser

Best research paper award

Kamari, A. (Modtager) & Kotula, B. M. (Modtager), 27 nov. 2020

Best research paper award

Kamari, A. (Modtager), 7 aug. 2019

Fully funded double degree Ph.D position

Kamari, A. (Modtager), mar. 2016

Fully funded Ph.D scholarship

Kamari, A. (Modtager), nov. 2014

Projekter

Exploring and developing novel design approaches for natural wind ventilation of housing stocks in Denmark

Kamari, A. (PI) & Bugenings, L. A. (Deltager)

01/07/2021 → 30/06/2024

REGREEN (H2020): Fostering nature-based solutions for equitable, green and healthy urban transitions in Europe and China

Kamari, A. (Samarbejdspartner)

02/09/2019 → 31/08/2023

RECONCILE: Reducing Energy Use in the Construction and Operation of Public Buildings

Kamari, A. (Deltager)

01/10/2020 → 31/10/2022

PROBONO (H2020): The Integrator-centric approach for realising innovative energy efficient buildings in connected sustainable green neighbourhoods

Schultz, C. P. L. (PI), Kamari, A. (PI), Lohm, G. (CoPI), Sanderson, H. (CoPI), Larsen, P. G. (CoPI), Zayed, Y. N. H.

(Deltager) & Kristoffersen, A. E. (Deltager)

01/01/2022 → 31/12/2026

ReVALUE: Value Creation by Energy Renovation, Refurbishment and Transformation of the Built Environment - Modelling and Validating of Utility and Architectural Value

Kamari, A. (Deltager)

01/02/2016 → 30/06/2020

Ansættelse

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Aarhus C, Danmark

12 dec. 2018 → present