



CURRICULUM VITAE

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WORK EXPERIENCE

- **Associate Professor in Construction Production and Management of Construction Projects. Division of Building Design, Department of Architecture and Civil Engineering, Chalmers university of Technology (01/10/2023 – present).**
Researcher in domestic and international collaborative projects.
Co-supervisor of a PhD thesis.
Master course examiner and leader (BOM025) in MPDCPM.
Supervisor of master theses in MPDCPM (ACEX30).
Teaching in the master courses ACE115, BOM025, and TEK141 in MPDCPM.
Reviewer in scientific journals.
Member of the scientific committee in international conferences.
Decision-making in various committees and leadership positions.
- **Assistant Professor in Construction Production and Management of Construction Projects. Division of Building Design, Department of Architecture and Civil Engineering, Chalmers university of Technology (01/02/2019 – 30/09/2023).**
Researcher in domestic and international collaborative projects.
Co-supervisor of a PhD thesis.
Master course examiner and leader (BOM025) in MPDCPM.
Supervisor of master theses in MPDCPM (ACEX30), and bachelor theses (ACEX20).
Teaching in the master courses ACE115, BOM025, and TEK141 in MPDCPM.
Teaching in the bachelor course BOM295.
Teaching in the freestanding course ACE225.
Reviewer in scientific journals.
Member of the scientific committee in international conferences.
Decision-making in various committees and leadership positions.
- **Doctor. Division of Construction Management, Department of Architecture and Civil Engineering, Chalmers University of Technology (01/11/2018 – 31/01/2019).**
Research in domestic and international collaborative projects.
Teaching in the master course BOM070 in the MPIP.M.
Co-supervision of master theses in MPIP.M and MPDCPM (ACEX30).
Reviewer in scientific journals.
Member of the scientific committee in international conferences.
- **Researcher within TUD COST Action TU1406: Quality specifications for roadway bridges, standardization at a European level (BridgeSpec) (19/06/2015 – 30/04/2019).**

Research member of Working Group 1 (WG1): Performance Indicators, WG2: Performance Goals, and WG3: Establishing of a Quality Control Plan.

- **PhD Researcher. School of Civil Engineering, Aristotle University of Thessaloniki (AUTH), Thessaloniki, Greece (23/07/2014 – 05/11/2018).**

PhD thesis title: “Εκτίμηση της κατασκευασιμότητας τεχνικών έργων βάσει της ανάλυσης κινδύνων” (translated from Greek: “Assessing the constructability of technical projects based on risk analysis”).

- **Graduate Teaching Assistant. School of Civil Engineering, AUTH (16/03/2016 – 31/10/2018).**

Co-supervision of a master thesis in the master’s program “Διοίκηση και διαχείριση τεχνικών έργων” (translated from Greek: “Administration and Management of Technical Projects”).

Teaching in the undergraduate courses ΤΣ1500, ΤΣ2200, ΤΣ4300, and ΤΣ4400.

- **Self-employed Civil Engineer. Thessaloniki, Greece (29/05/2014 – 31/10/2018).**

Consultancy and site supervision for private residential building projects.

Structural analysis, project and production management, building energy footprints, and legal/regulatory issues.

- **Researcher on a Short-Term Scientific Mission (STSM). Department of Civil Engineering, University of Minho, Guimarães, Portugal (09/01/2017 – 17/02/2017).**

STSM research for TU1406, titled “Calibration and adaptation of the SB Method and Tool for bridge projects”.

Funding grant: COST-STSM-ECOST-STSM-TU1406-090117-079243.

- **Assistant Manager of the Undergraduate Students' Internship Program (ΠΑ0100). School of Civil Engineering, AUTH (01/08/2014 – 31/10/2015).**

Assistant manager for the annual two-month internship of undergraduate civil engineering students of the AUTH.

- **Tutor. Learn IT Educational Group, Thessaloniki, Greece (16/09/2013 – 30/09/2014).**

Tutoring for under- and postgraduate engineers in construction management, construction production, and structural engineering.

- **Assistant project manager. S. Tzikos - Kifokeris Bros G.P. Thessaloniki, Greece (09/2008 – 11/2014).**

Indicative projects included complexes of multiple three-storey residences in Trilofos, Thessaloniki, Greece.

EDUCATIONAL QUALIFICATIONS

- **Diploma of Teaching and Learning in Higher Education.**

Time period: 24/02/2020 – 26/01/2022.

University: Chalmers University of Technology.

Program director: Jens Kabo.

Diploma of Pedagogy in Higher Education and Scholarship of Teaching and Learning (SoTL) (15 hp), including the successful completion of the courses CLS925 (2,5 hp), CLS930 (2 hp), CLS935 (5 hp), CLS900 (2,5 hp), CLS910 (2,5 hp), and CLS920 (0,5 hp).

Additional completion of the course CLS905 (3 hp) for supervising research students (examiner: Christian Stör).

In total, 15 + 3 = 18 hp were acquired.

- **Doctor of Philosophy (PhD).**

Time period: 23/07/2014 – 06/11/2018.

University: Aristotle University of Thessaloniki.

PhD thesis supervisor: Yiannis Xenidis.

PhD thesis title: “Εκτίμηση της κατασκευασιμότητας τεχνικών έργων βάσει της ανάλυσης κινδύνων” (translated from Greek: “Risk-based Constructability Assessment in Civil Engineering Projects”).

- **Master of Science (MSc) (Postgraduate Specialization Diploma).**

Time period: 10/2012 – 12/2013.

Master’s program: Διοίκηση και διαχείριση τεχνικών έργων (translated from Greek: Administration and Management of Technical Projects).

University: Aristotle University of Thessaloniki.

MSc thesis supervisor: Yiannis Xenidis.

- **Master of Engineering (MEng) (Diploma).**
Time period: 10/2005 – 07/2012.
Diploma track: Civil Engineering.
Specialization: Structural Engineering.
University: Aristotle University of Thessaloniki.
Diploma thesis supervisor: Ioannis Tegos.

RESEARCH GRANTS

Ongoing projects

- **En molntjänst med GPT-baserat projektstöd för kvalitetsäkring i byggprojekt för beställare, projektörer och entreprenörer (translated from Swedish: A cloud service with GPT-based project support for quality assurance in construction projects for clients, designers and contractors)**
Role(s): Project member, co-PI.
Funding agency: Formas.
Time period: 01/09/2023 – present.
Total project budget: 1 614 360 SEK.
Project constellation: Incoord Installationscoordinator AB, **Chalmers Tekniska Högskola AB**, Högskolan i Halmstad, Robert Dicksons Stiftelse, Elicit AB.
- **Olycksförebyggande genom maskininlärning hos en byggentreprenör (translated from Swedish: Accident prevention through machine learning at a construction contractor).**
Role(s): Project member, co-PI, **co-supervisor of PhD thesis.**
Funding agency: SBUF.
Time period: 01/10/2022 – present.
Total project budget: 1 799 065 SEK.
Project constellation: Högskolan i Halmstad, **Chalmers Tekniska Högskola AB**, NCC Sverige AB, Skanska AB, Peab Anläggning AB, Byggnads (Svenska Byggnadsarbetareförbundet), Mälardalens Universitet.
This project is connected to May Shayboun's PhD thesis and is the continuation of the project connected to her Licentiate thesis titled "En ny generation förebyggande av arbetsolycksfall med maskininlärning" (see below in "Finished projects").
- **Kognitiva digitala tvillingar för produktion av hållbara modulhus (translated from Swedish: Cognitive digital twins for the production of sustainable modular houses).**
Role(s): Project member, co-PI
Funding agency: Vinnova.
Time period: 15/09/2022 – present.
Total project budget: 4 320 000 SEK.
Project constellation: Tekniska Högskolan i Jönköping AB, **Chalmers Tekniska Högskola AB**, Högskolan i Halmstad, 4Dialog AB, AB Häggmark & Söner, Åsbo-Hus AB.
- **Koncept för aktiv kvalitetsstyrning för mindre beställarorganisationer (translated from Swedish: Concept for active quality management for smaller client organizations).**
Role(s): Project member, co-PI.
Funding agency: Formas.
Time period: 01/09/2022 – present.
Total project budget: 1 347 911 SEK.
Project constellation: Incoord Installationscoordinator AB, **Chalmers Tekniska Högskola AB**, Högskolan i Halmstad, Robert Dicksons Stiftelse, Elicit AB.
- **Preparing a new conceptualisation of building processes, integrating sustainability and a resource-economic value production.**

Role(s): **Project leader, PI.**

Funding agency: Centre of Management in the Built Environment (CMB).

Time period: 01/04/2022 – present.

Total project budget: 300 000 SEK.

Project constellation: **Chalmers Tekniska Högskolan AB**, Högskolan i Halmstad, Dayspring AB.

Finished projects

- **Electric Worksite II.**

Role(s): Project member, co-PI, **Member of the steering committee.**

Funding agency: Vinnova.

Time period: 01/07/2021 – 30/09/2023.

Total project budget: 18 095 000 SEK.

Project constellation: Volvo Construction Equipment AB, NCC Sverige AB, **Chalmers Tekniska Högskola AB**, Högskolan i Halmstad, Göteborgs Stad, Göteborgs Stad Leasing AB, Göteborg Energi AB, Lindholmen Science Park AB, Johanneberg Science Park AB, RISE Research Institutes of Sweden AB, ABB Electrification Sweden AB, Riksbyggen Ekonomisk Förening, HSB Göteborg Ekonomisk Förening.

- **Lean construction – nuläget (translated from Swedish: Lean construction – the current situation).**

Role(s): **Project leader, PI.**

Funding agencies: SBUF (Svenska Byggbranschens Utvecklingsfond) (Sweden) + CMB.

Time period: 01/05/2020 – 30/04/2023.

Total project budget: 1 731 700 SEK.

Project constellation: **Chalmers Tekniska Högskolan AB**, Högskolan i Halmstad, F. O. Peterson AB, Byggföretagen, Installatörsföretagen, FoU i Väst.

- **En ny generation förebyggande av arbetsolycksfall med maskininlärning (translated from Swedish: A new generation of accident prevention with machine learning).**

Role(s): Project member (20/03/2019 – 18/08/2021), **Project leader (19/08/2021 – 19/04/2022)**, co-PI, **co-supervisor of Licentiate thesis.**

Funding agencies: SBUF + CMB.

Time period: 01/06/2019 – 19/04/2022.

Total project budget: 3 621 000 SEK.

Project constellation: **Chalmers Tekniska Högskola AB**, Mälardalens Universitet, NCC Sverige AB, Peab Anläggning AB, Byggnads (Svenska Byggnadsarbetareförbundet), SEKO (Service- och kommunikationsfacket).

This project is connected to May Shayboun's Licentiate thesis.

- **Digital affärsmodell för bygglogistik på stora byggplatser (translated from Swedish: Digital business model for large site building logistics).**

Role(s): Project member, **PI.**

Funding agency: Smart Built Environment (SBE).

Time period: 01/07/2018 – 31/03/2021 (Kifokeris started working in this project on 01/11/2018, namely when he started his employment in Chalmers).

Total project budget: 1 500 000 SEK.

Project constellation: **Chalmers Tekniska Högskola AB**, Prolog Bygglogistik AB, Urban Werner Konsult, Blockalize AB.

- **Kvalitetssäkring och egenkontroll som service (translated from Swedish: Quality assurance and self-control as service).**

Role(s): Project member, co-PI.

Funding agency: Vinnova.

Time period: 01/06/2019 – 30/06/2020.

Total project budget: 1 006 000 SEK.

Project constellation: Incoord Installationscoordinator AB, **Chalmers Tekniska Högskola AB**, Elicit AB.

- **COST Action TU1406: Quality specifications for roadway bridges, standardization at a European level (BridgeSpec) (01/04/2015 – 30/04/2019).**

Role(s): Project member, **PI in Short-Term Scientific Mission** funded by grant no. COST-STSM-ECOST-STSM-TU1406-090117-079243 (budget: 2 500 EUR, ca 27 412 SEK).

Funding agency: European Cooperation in Science and Technology (COST).

Time period: 16/04/2015 – 15/04/2019.

Total project budget: 854 998 EUR (ca 9 374 785 SEK).

Project constellation: University of Minho, Universitat Politècnica de Catalunya-BarcelonaTech, ETH Zurich, University of Natural Resources and Life Sciences (BOKU), University of Twente, University of Belgrade, Kedmor Engineers Ltd, University College Dublin, Vegagerðin – The Icelandic Road and Coastal Administration (IRCA), Wrocław University of Technology, Ss. Cyril and Methodius University, IFSTTAR French Institute of Science and Technology for Transport, Development and Networks, Aristotle University of Thessaloniki, University of Thessaly, Epoka University, KU Leuven, University of Sarajevo, University of Transport "T.Kableskov", EKJ Consulting Engineers AS, University of Zagreb, University of Cyprus, CTU in Prague, Aalborg University, COWI A/S, Tallinn University of Technology, Estonian Road Administration, VTT Technical Research Centre of Finland, Finnish Transport Agency, Politecnico di Milano, Bauhaus - University Weimar, Federal Highway Research Institute (BAST), Budapest University of Technology and Economics, Technical University of Bari, University of Naples "Federico II", Riga Technical University, Latvian State Roads, Vilnius Gediminas Technical University, University of Luxembourg, University of Malta, Transport Malta Roads and Infrastructure Directorate, University of Montenegro, Rijkswaterstaat Grote Projecten en Onderhoud, Statens Vegvesen, Norwegian University of Science and Technology, Warsaw University of Technology, Infraestruturas de Portugal SA, ANSER, URBAN-INCERC, Technical University Gheorghe Asachi Iasi, University of Žilina, Slovenian National Building and Civil Engineering Institute, University of Ljubljana, International Centre for Numerical Methods in Engineering (CIMNE), Luleå Tekniska Högskola, **Chalmers Tekniska Högskola AB**, FOLKBRO, HOJ Consulting GmbH, Istanbul Technical University, Queens University, Atkins, Monash University, Ministerio de Obras Públicas (MOP) – Dirección de Vialidad, Waseda University, University of Cape Town, ATLSS Research Center – Lehigh University.

This project started while Kifokeris was still doing his PhD in AUTH and was finished after Kifokeris got his position as an assistant professor in Chalmers.

SUPERVISION EXPERIENCE (incl. PhD, Licentiate, Early-Stage Researcher, Master, and Bachelor levels)

Co-supervisor of PhD theses

- Time period: 01/10/2022 – 01/04/2025 (ongoing).
PhD student's name: May Shayboun.
PhD thesis working title: Accident prevention through machine learning at a construction contractor.
University: Chalmers University of Technology (however, May Shayboun is now affiliated with the University of Halmstad, as the main supervisor is stationed there; Kifokeris continues being her co-supervisor from Chalmers' side).
This co-supervision is connected to the project "Olycksförebyggande genom maskininlärning hos en byggentreprenör".

Co-supervisor of Licentiate theses

- Time period: 01/06/2019 – 19/04/2022.
Licentiate student's name: May Shayboun.
Licentiate thesis title: Toward Accident Prevention Through Machine Learning Analysis of Accident Reports.

University: Chalmers University of Technology.

This co-supervision is connected to the project “En ny generation förebyggande av arbetsolycksfall med maskininlärning”.

Supervisor and host of Early-Stage Researcher as part of a short-term MSCA secondment

- Time period: Spring term of 2021/2022.
Early-stage researcher’s name: Klaudia Jaskula.
PhD thesis working title: Blockchain-enabled CBIM for lifecycle data provenance.
University: Chalmers University of Technology
Early-stage researcher’s main affiliation: University College London (UCL).
This supervision and hosting were part of an agreement of a short-term secondment for the Marie Skłodowska-Curie Action “CBIM: Cloud Building Information Modelling” (H2020-MSCA-ITN-2018; Grant Agreement number: 860555).

Main supervisor of Master theses

- Time period: Academic year 2023/2024.
Master students’ names and thesis titles:
 - Marwah Faris: “Enhancing Effective Information Management: Designing a Framework for Improved Implementation” (in collaboration with Enaya Toulimat).
 - Enaya Toulimat: “Enhancing Effective Information Management: Designing a Framework for Improved Implementation” (in collaboration with Marwah Faris).
 - Sebastian Persson: “Swedish Construction in the Blockchain Age: Advancing Economy and Information Transfer Focusing on Subcontractors”.University: Chalmers University of Technology.
Master’s program: MPDCPM.
Course: ACEX30.
- Time period: Academic year 2022/2023.
Master students’ names and thesis titles:
 - Natasa Peric: “A case study on knowledge transfer at Serneke”.
 - Alvin Leimo: “Evaluating current procurement models for construction projects in Sweden and contracting of sub-suppliers – suggesting a roadmap for future use” (in collaboration with Ahmed El-abyad).
 - Ahmed El Abyad: “Evaluating current procurement models for construction projects in Sweden and contracting of sub-suppliers – suggesting a roadmap for future use” (in collaboration with Alvin Leimo).
 - Albert Andersson: “Evaluation of downstream and site logistics at different types of construction projects” (in collaboration with Oscar van Heek).
 - Oscar van Heek: ““Evaluation of downstream and site logistics at different types of construction projects” (in collaboration with Albert Andersson).
 - Damilare Omiwole: “Addressing Existing and Changing Roles in the Construction Industry” (in collaboration with Leonid Burtcev).
 - Leonid Burtcev: “Addressing Existing and Changing Roles in the Construction Industry” (in collaboration with Damilare Omiwole).
 - Khaled Assaf: “Project performance in relation to contract remuneration types”.University: Chalmers University of Technology.
Master’s program: MPDCPM.
Course: ACEX30.
- Time period: Academic year 2021/2022.
Master students’ names and thesis titles:

- Shui Quong Kwach: “Changing business direction towards a more industrialized approach using modular construction”.
- Wajahat Ali: “Barriers in the way of implementing lean construction in the UAE – Potential solutions from the Swedish context”.
- Mohamed Basil Al Baik: “Risks and opportunities in the application of lean in the construction industry” (in collaboration with Christian Hevre Maye).
- Christian Herve Maye: “Risks and opportunities in the application of lean in the construction industry” (in collaboration with Mohamed Basil Al Baik).

University: Chalmers University of Technology.

Master’s program: MPDCPM.

Course: ACEX30.

Co-supervisor of Master theses

- Time period: Academic year 2020/2021.
Master students’ names and thesis titles:
 - Carl Jansson: “Proactive quality management in a multi residential housing project”.
 - Bastien Vaillant: “The digital transformation of construction worksite safety: How much added value can AI bring for worker and work-environment safety?” (in collaboration with Sara Davoodi).
 - Sara Davoodi: “The digital transformation of construction worksite safety: How much added value can AI bring for worker and work-environment safety?” (in collaboration with Bastien Vaillant).
 University: Chalmers University of Technology.
Master’s program: MPDCPM.
Course: ACEX30.
- Time period: Academic year 2019/2020.
Master students’ names and thesis titles:
 - Ahmad Arafat: “A measurement of logistics performance” (in collaboration with Hassan Salha).
 - Hassan Salha: “A measurement of logistics performance” (in collaboration with Ahmad Arafat).
 - Issa Alali: “The application of Big Data technology to improve the information sharing and enhance the decision-making process in construction projects” (in collaboration with Saad Almeri).
 - Saad Almeri: “The application of Big Data technology to improve the information sharing and enhance the decision-making process in construction projects” (in collaboration with Issa Alali).
 - Khalid Alshawwa: “BIM collaboration with data collection tools: BIM in automated monitoring and management with corrective privilege”.
 University: Chalmers University of Technology.
Master’s program: MPDCPM.
Course: ACEX30.
- Time period: Academic year 2018/2019.
Master students’ names and thesis titles:
 - Karl Lindell: “A market study for small scale wind turbines in Swedish rural areas” (in collaboration with Maximilian Schultz).
 - Maximilian Schulz: “A market study for small scale wind turbines in Swedish rural areas” (in collaboration with Karl Lindell).
 - Johanna Pethö: “The documentation process for road construction projects: An investigation of the contractors’ and the Swedish Transport Administration’s perspective” (in collaboration with Josefine Standig).
 - Josefine Standig: “The documentation process for road construction projects: An investigation of the contractors’ and the Swedish Transport Administration’s perspective” (in collaboration with Johanna Pethö).
 - John-Michael Dahl: “Blockchain and BIM social collaboration: Practical advances towards BIM level 3 capability” (in collaboration with Kevin Arighi Yusharyahya).

- Kevin Arighi Yusharyahya: “Blockchain and BIM social collaboration: Practical advances towards BIM level 3 capability” (in collaboration with John-Michael Dahl).
- Christoffer Brasjö: “How to successfully plan and manage machine learning projects” (in collaboration with Martin Lindovsky).
- Martin Lindovsky: “How to successfully plan and manage machine learning projects” (in collaboration with Christoffer Brasjö).
- Isaac Ibrahim: “Needs and requests that commercial real estate tenants have in the future in regard to services – A case study at Platzer Fastigheter AB” (in collaboration with Joakim Lund-Petersen).
- Joakim Lund-Petersen: “Needs and requests that commercial real estate tenants have in the future in regard to services – A case study at Platzer Fastigheter AB” (in collaboration with Joakim Isaac Ibrahim).
- Esteban Ignacio Jimenez Peña: “Succession process in family SMEs in the Chilean construction industry: A qualitative study”.

University: Chalmers University of Technology.

Master’s programs: MPDCPM & MPIPM (now discontinued).

Course: ACEX30 (for MPDCPM).

- Time period: Academic year 2016/2017.

Master student’s name and thesis title:

- Anastasia Tzioutziou: “Προσδιορισμός συντελεστών στάθμισης στη λήψη αποφάσεων (translated from Greek: “Determination of weighting factors in decision making”).

University: Aristotle University of Thessaloniki.

Master’s program: Διοίκηση και Διαχείριση Τεχνικών Έργων (translated from Greek: Administration and Management of Technical Projects).

Main supervisor of Bachelor theses

- Time period: Academic year 2021/2022.

Bachelor students’ names and thesis titles:

- Rosanne Elfstrand: “Möjligheter för blockchain i den svenska bygg- och fastighetsbranschen: En kartläggning av blockchain och dess tillämpningar Inom svenska AECO-sektorn” (translated from Swedish: “Opportunities for blockchain in the Swedish construction and real estate industry: A survey of blockchain and its applications within the Swedish AECO sector”) (in collaboration with Filip Johansson).
- Filip Johansson: “Möjligheter för blockchain i den svenska bygg- och fastighetsbranschen: En kartläggning av blockchain och dess tillämpningar Inom svenska AECO-sektorn” (translated from Swedish: “Opportunities for blockchain in the Swedish construction and real estate industry: A survey of blockchain and its applications within the Swedish AECO sector”) (in collaboration with Rosanne Elfstrand).
- Khaled Selwaiea: “Digitalisering genom Digital Byggloggbok-konceptet inom byggledning och produktion” (translated from Swedish: “Digitization through the Digital Construction Logbook concept in construction management and production”) (in collaboration with Gaby Mokh).
- Gaby Mokh: “Digitalisering genom Digital Byggloggbok-konceptet inom byggledning och produktion” (translated from Swedish: “Digitization through the Digital Construction Logbook concept in construction management and production”) (in collaboration with Khaled Selwaiea).

University: Chalmers University of Technology.

Course: ACEX20.

- Time period: Academic year 2020/2021.

Bachelor students’ names and thesis titles:

- Erik Jansson: “Erfarenhetsåterföring och kontinuerliga förbättringar i ett industriellt byggföretag” (translated from Swedish: “Experience feedback and continuous improvements in an industrialized construction company”) (in collaboration with Herman Karlstedt).
- Herman Karlstedt: “Erfarenhetsåterföring och kontinuerliga förbättringar i ett industriellt byggföretag”

(translated from Swedish: “Experience feedback and continuous improvements in an industrialized construction company”) (in collaboration with Erik Jansson).

University: Chalmers University of Technology.

Course: ACEX20.

TEACHING EXPERIENCE

Examiner and course leader

- Course: BOM025 – Construction, Processes, and Management.
Time period: 2021/2022 – present.
Level: Master’s.
Master’s program: MPDCPM.
Approx. number of students per academic year: 60-65.

Course teacher

- Course: TEK141 – Construction contract relationships.
Time period: 2022/2023 – present.
Level: Master’s.
Master’s program: MPDCPM.
Approx. number of students per academic year: 70-75.
- Course: ACE115 – Project Management in Construction.
Time period: 2019/2020 – present.
Level: Master’s.
Master’s program: MPDCPM.
Approx. number of students per academic year: 70-75.
- Course: BOM025 – Construction, Processes, and Management.
Time period: 2018/2019 – 2020/2021 (before becoming its examiner).
Level: Master’s.
Master’s program: MPDCPM.
Approx. number of students per academic year: 60-65.
- Course: ACE225 - Project Management in Construction.
Time period: 2019/2020 – 2020/2021.
Level: Master’s.
Program: Stand-alone online courses offered by Chalmers during the pandemic.
Approx. number of students per iteration: 15-20.
- Course: BOM295 – Byggproduktionsledning och logistik.
Time period: 2019/2020 – 2020/2021.
Level: Bachelor’s.
Approx. number of students per academic year: 90-95.
- Course: BOM070 – Strategic Management.
Time period: 2018/2019.
Level: Master’s.
Master’s program: MIPM (now discontinued).
Approx. number of students per academic year: 35-40.
- Course: ΤΣ1500 – Οργάνωση & Διοίκηση Εργοταξίων Τεχνικών Έργων (translated from Greek: Organization & Management of Construction Sites).
University: Aristotle University of Thessaloniki.

Time period: 2015/2016 – 2017/2018.

Level: Undergraduate.

Approx. number of students per academic year: 35-40.

- Course: ΤΣ2200 – Οργάνωση & Προγραμματισμός Έργων (translated from Greek: Project Organization & Planning).
University: Aristotle University of Thessaloniki.
Time period: 2015/2016 – 2017/2018.
Level: Undergraduate.
Approx. number of students per academic year: 95-100.
- Course: ΤΣ4300 – Διαχείριση Έργων (translated from Greek: Project Management).
University: Aristotle University of Thessaloniki.
Time period: 2015/2016 – 2017/2018.
Level: Undergraduate.
Approx. number of students per academic year: 95-100.
- Course: ΤΣ4400 – Πληροφοριακά Συστήματα Διαχείρισης Τεχνικών Έργων (translated from Greek: Technical Project Management Information Systems).
University: Aristotle University of Thessaloniki.
Time period: 2015/2016 – 2017/2018.
Level: Undergraduate.
Approx. number of students per academic year: 35-40.
- Course: ΠΑ0100 – Πρακτική Άσκηση (translated from Greek: Student Internship).
University: Aristotle University of Thessaloniki.
Time period: 2014/2015 – 2015/2016.
Level: Undergraduate.
Approx. number of students per academic year: 55-60.

Academic tutor

- Supportive education to civil engineering students, in the topics of construction management, construction production, and structural engineering.
Organization: Learn IT Educational Group.
Time period: 2014/2015.
Level: Under- and postgraduate.
Approx. number of students per academic year: 3-5.

PEDAGOGICAL COURSES TAKEN FOR EDUCATION IN TEACHING AND LEARNING IN HIGHER EDUCATION

- CLS900: Theoretical Perspectives on Learning (2,5 hp)
- CLS905: Supervising Research Students (3 hp)
- CLS910: Supervising Writing Processes (2,5 hp)
- CLS920: Reflections on Teaching & Learning in HE (0,5 hp)
- CLS925: University Teaching and Learning (2,5 hp)
- CLS930: Diversity & inclusion for learning in higher education (2 hp)
- CLS935: Pedagogical Project (5 hp)

All of the aforementioned courses were part of the Diploma of Teaching and Learning in Higher Education (15 hp), except for CLS905 (3 hp), which was completed additionally (see section “EDUCATIONAL QUALIFICATIONS”).

LEADERSHIP AND TRUST POSITIONS

- **Co-chair of the 2022 PhD Summer School of the European Council on Computing in Construction (EC3), Rhodes, Greece.**
 Time period: 18-22/07/2022.
 As one of the two summer school's co-chairs, Kifokeris had full responsibility for the school's preparation, organization, administration, academic program, run-through, and finalization. Moreover, he taught in four of the school's lectures. EC3 2022 PhD summer School link: <https://ec-3.org/school2022/>, in which my exposition as the co-chair is shown here: <https://ec-3.org/school2022/programme/organizers/>
- **Teaching ambassador in Erasmus+ STA Program between Chalmers University of Technology and TU Dortmund, Dortmund, Germany.**
 Time period: 2021/2022 – 2026/2027.
 Kifokeris was the main proponent for this five-year-long Erasmus+ STA collaboration signed between Chalmers and TU Dortmund in 2021/2022. As part of this collaboration, Kifokeris has so far done a one-week-long teaching activity in TU Dortmund in the spring of 2022, where he delivered two (2) guest lectures and was the external examiner of one (1) master thesis. The host in TU Dortmund was jun. prof. Panos Spyridis.
- **Host of teaching ambassador in Erasmus+ STA program between Chalmers University of Technology and Aston University, Birmingham, UK.**
 Time period: 25/05/2022 – 27/05/2022.
 Kifokeris was the host for a three-day workshop which included networking and planning for future collaborative activities for teaching and publications. The colleague hosted was senior lecturer Algan Tezel.
- **Publons-verified reviewer in scientific journals**

 - Construction Management and Economics (Taylor & Francis)
 - Structure and Infrastructure Engineering (Taylor & Francis)
 - Journal of Asian Architecture and Building Engineering (Taylor & Francis)
 - Journal of Construction Engineering and Management (ASCE)
 - Journal of Infrastructure Systems (ASCE)
 - Journal of Building Engineering (Elsevier)
 - Journal of Information Technology in Construction (ITcon) (CASPA)
- **Member of the Scientific Committee in international conferences**

 - EC3 2023 – 2023 CIB W78, Crete, Greece (10-12/07/2023).
 - CAAD Futures 2023, Delft, the Netherlands (05-07/07/2023). Co-creator of the work stream “AEC Decentralised Autonomous Organisations.”
 - EC3 2022, Rhodes, Greece (24-26/07/2022).
 - ECPPM 2022, Trondheim, Norway (14-16/09/2022).
 - CIB World Building Congress 2022, Melbourne, Australia (27-30/06/2022).
 - 11th CREON Conference 2022, Copenhagen, Denmark, and Malmö, Sweden (18-20/05/2022).
 - CIB W78-LDAC 2021 Conference, Luxembourg (06-15/10/2021).
 - EC3 2021 Conference, Rhodes, Greece (held virtually due to COVID-19) (19-28/07/2021).
 - ECIS 2021 Marrakech, Marrakech, Morocco (held virtually due to COVID-19) (14-16/06/2021).
 - HICSS 2021 Conference, Hawaii, USA (held virtually due to COVID-19) (04-08/01/2021).
 - BEYOND2020 Conference, Gothenburg, Sweden (held virtually due to COVID-19) (02-04/11/2020).
- **Focus group member for AI Sweden.**
 Time period: 01/06/2020 – 31/12/2020.
 Chalmers' delegate in the focus group “Artificial Intelligence in Civil Engineering” organized by AI Sweden.
- **Technical Coordinator of the local organizing committee of CITC-8 – 8th Construction in the 21st Century International Conference, Thessaloniki, Greece.**
 Time period: 27-30/05/2015.
 Kifokeris had full responsibility of the conference's local hosting needs.

- **Vice-president of the Association of Civil Engineering PhD Candidates of AUTH**
Time period: 19/01/2015 – 30/09/2016.

INVITED LECTURES

Spring term 2021/2022

- Two (2) invited lectures at TU Dortmund, as part of Erasmus+ STA Program between Chalmers University of Technology and TU Dortmund:
 - “Digital management of construction planning and production – focus on the Swedish/Scandinavian paradigm” (22/06/2022).
 - “Digital management of circular and sustainable production – lessons-learned from Sweden” (23/06/2022).

Autumn term 2020/2021

- Invited lecture at the Aristotle University of Thessaloniki (AUTH), Thessaloniki, Greece, for the undergraduate program in Civil Engineering. Lecture title: “Construction logistics” (22/12/2020).
- Invited lecture at University College London (UCL), London, for the MSc program Digital Engineering Management. Lecture title: “Lean construction variants in practice: critical lessons from Sweden” (08/12/2020).

UTILIZATION AND OUTREACH OF RESEARCH OUTSIDE OF ACADEMIA

- Kifokeris and Koch presented the final results of the research project “Lean construction – nuläget” in: (i) The breakfast seminar “To lean or not to lean?” organized by CMB on 07/10/2022; most of the audience comprised industry professionals (check the participant list here: <https://www.cmb-chalmers.se/aktivitet/to-lean-or-not-to-lean/>); the presentation was recorded and uploaded on the CMB channel in YouTube here: https://www.youtube.com/watch?v=qJj7nfrqjp0&ab_channel=CMBfilmer; and (ii) The webinar “Tillämpning av Lean i byggbranschen” organized by Lean Forum Bygg on 25/01/2023; most of the audience comprised industry professionals (check the participant list here: <https://www.leanforumbygg.se/aktivitet/seminarium-om-tillampning-av-lean-i-byggbranschen/>).
- Kifokeris and Koch were interviewed for the centerpiece article of the technical newspaper “NyTeknik” (Number 9, 02 June 2022, p. 18-20). The article was called “När blir elmaskiner vanligare än dieselmuller? (translated from Swedish: When will electric machines become more common than diesel engines?)” (<https://www.nyteknik.se/premium/nar-bli-elmaskiner-vanligare-an-dieselmuller-7031759>). Kifokeris was asked to talk about their work in the project Electric Worksite II (see “Ongoing projects” in section “RESEARCH GRANTS”), and its implications for the electrical transformation of construction sites and relevant construction industry partners. This outreach activity was featured in the ACE Nyhetsbrev v.26 (2022), in the column “ACE i media”.
- Kifokeris’ and Koch’s (2022) chapter on blockchain for construction logistics featured in the book *Blockchain in Construction* (see section “LIST OF PUBLICATIONS”) is being promoted to industry professionals to increase the knowledge about blockchain technology in the sector – and especially in the areas of construction management and construction production. This chapter stems from the research project “Digital affärsmodell för bygglogistik på stora byggplatser” (see “Finished projects” in section “RESEARCH GRANTS”). News about this publication were featured in the ACE Nyhetsbrev v.38 (2022), under the title “ACE contribution in emerging technology “bible” Blockchain for Construction”.
- Kifokeris presented (on 25/03/2021) part of the results of the project “Digital affärsmodell för bygglogistik på stora byggplatser” (see “Finished projects” in section “RESEARCH GRANTS”) in the industry-oriented online conference “AI in AEC Conference 2021” hosted by RIL – Finnish Association of Civil Engineers on 24-25/03/2021 (<https://www.ril.fi/en/events/ai-in-aec-2021.html>).
- Part of the research work done in the project “Kvalitetssäkring och egenkontroll som service” (see “Finished

Projects” in section “RESEARCH GRANTS”) is used for the development of the pilot app Nimble Check: <https://elicit-dev-incoord-nimblecheck.azurewebsites.net/>

- During the initiative seminar “Advancing AI with Chalmers AI Research Centre”, arranged by Chalmers AI Research Centre on 04-05/03/2019 at the Lindholmen Conference Centre (<https://www.chalmers.se/en/areas-of-advance/ict/events/initiative-seminar-AI2019/Pages/default.aspx>), Kifokeris was presenting a poster regarding the (then) ongoing and future research projects he had been involved in about the use of machine learning and artificial intelligence in construction management, planning, and production. This presentation was aimed at interested industry professionals that were attracted by the seminar.

MEMBERSHIP IN SCIENTIFIC AND/OR PROFESSIONAL NETWORKS AND ORGANIZATIONS

- **Construction Researchers on Economics and Organisation in the Nordic Region (CREON).**
Time period: 20/05/2022 – now.
Young researcher member of the board.
- **European Council on Computing in Construction (EC3).**
Time period: 21/09/2020 – now.
Member of the Human-Data Interaction (HDI) Committee.
- **The Swedish Association for University Teachers and Researchers (SULF).**
Time period: 06/04/2020 – now.
Individual member.
- **Sveriges Bygguniversitet (SBU) (translated from Swedish: Swedish Universities for Construction).**
Time period: 15/08/2019 – present.
Chalmers’ delegate in the thematic group “Byggprocess och förvaltning” (translated from Swedish: “Construction process and management”).
- **Lean Forum Bygg.**
Time period: 01/05/2019 – now.
Individual member.
- **International Association for Life-Cycle Civil Engineering (IALCCE)**
Time period: 03/11/2016 – now.
Individual member.
- **Technical Chamber of Greece.**
Time period: 17/10/2012 – now.
Full member.
- **International Association for Bridge and Structural Engineering (IABSE).**
Time period: 27/03/2019 – 31/12/2023.
Individual member.

CERTIFICATIONS, LICENCES, AND CREDENTIALS

- **Research Leadership Development Training (12/10/2023).**
Issued by Chalmers University of Technology.
Featuring training on personal leadership, driving motivation, building high performance teams, working in remote teams, networking, delegation, coaching leadership, developing feedback, time management, leading change, communication, change management, 360 feedback, career development, decision-making, influencing, and personal reflection.
- **Docent (06/10/2023).**
Issued by Chalmers University of Technology.
Qualification for demonstrating a documented independent ability to lead in formulating and solving scientific research problems, as well as pedagogical competence at the advanced graduate study level.

- **Construction Safety Training (04/2023).**
Issued by Byggbranschens Utbildningscenter.
Registered with ID06 card ZZ-2208-448442.
- **BigDat 2019 – 5th International Winter School on Big Data, University of Cambridge, Cambridge, UK, (07-11/01/2019).**
Successful attendance and completion of the BigDat 2019 winter school, which consisted of 39 hours of lectures.
- **Completed Coursera courses:**
 - Course title: Structuring Machine Learning Projects. Credential ID: Coursera 967MM2E8FN78. Grade: 100%.
 - Course title: Machine Learning. Credential ID: Coursera WZU2UEKF5E44. Grade: 100%.
- **Completed Udemy courses:**
 - Course title: Data Science A-Z™. Credential ID: UC-db678f44-abdd-4c2e-842e-2fda6d0f00d4.
 - Course title: Blockchain A-Z™. Credential ID: UC-JZBNRCX5.
 - Course title: Blockchain and Bitcoin Fundamentals. Credential ID: UC-H0WGM79K.
- **Completed LinkedIn Training courses:**
 - Course title: Solibri Model Checker Essential Training.
 - Course title: Learning Bluebeam 2019.
- **Certificates in language proficiency:**
 - Level 3 Certificate in English (Certificate of Proficiency in English, level C2). University of Cambridge, ESOL Examinations, License no.: 0011441596.
 - Certificate of Proficiency in English (level C2). The University of Michigan.
 - Zertifikat Deutsch (level B1). Goethe Institut Inter Nationes, License no.: 027456.
- **European Computer Driving Licenses (ECDL):**
 - ECDL Core Certificate. Licence no.: EL100410773DK.
 - ECDL CAD Certificate. Licence no.: EL301585366DK.
- **Civil engineering software skills:**
Autodesk Revit, AutoCAD, MS Project, Solibri Model Checker, Projectplace, Bluebeam, Tekla Structures, SAP Nonlinear, ATENA, Fespa.
- **Skills in machine learning, data mining, and statistics:**
Waikato Environment for Knowledge Analysis (WEKA), Gretl, SPSS, Tableau.
- **Skills in blockchain software:**
Hyperledger Besu, Ganache, Postman.
- **Programming skills:**
Python (esp. Spyder), Java, Matlab, Visual Basic.
- **Language skills:**
 - English (Full professional proficiency – see certificates above).
 - German (Professional working proficiency – see certificate above).
 - Swedish (Limited working proficiency).
 - Greek (Native proficiency).

LIST OF PEER-REVIEWED PUBLICATIONS

Book chapters

1. Buser, M., and Kifokeris, D. (2023). Addressing Minority Discrimination in a Master's Education Program for Construction Management. In: Lindahl, G., Gottlieb, S.C. (Eds.). *SDGs in Construction Economics and Organization* (33-46). Cham: Springer. DOI: 10.1007/978-3-031-25498-7_3.
2. Kifokeris, D., and Koch, C. (2022). The proof-of-concept of a blockchain solution for construction logistics integrating flows: Lessons from Sweden. In: Dounas, T., and Lombardi, D. (Eds.). *Blockchain in Construction* (113-137). Singapore: Springer. DOI: 10.1007/978-981-19-3759-0_7.

Journal articles

3. Jaskula, K., **Kifokeris, D.**, Papadonikolaki, E., and Rovas, D. (2024). Common data environments in construction: state-of-the-art and challenges for practical implementation. *Construction Innovation*. DOI: 10.1108/CI-04-2023-0088.
4. **Kifokeris, D.**, and Tezel, A. (2023). Blockchain and lean construction: an exploration of bidirectional synergies and interactions. *Architectural Engineering and Design Management*. DOI: 10.1080/17452007.2023.2263873.
5. **Kifokeris, D.**, and Xenidis, Y. (2021). Game theory – based minimization of the ostracism risk in construction companies. *Sustainability*, 13(12), 6545, DOI: 10.3390/su13126545.
6. **Kifokeris, D.** (2021). Variants of Swedish lean construction practices reported in research: a systematic literature review and critical analysis. *Journal of Construction Engineering and Management*, 147(7), 05021005, DOI: 10.1061/(ASCE)CO.1943-7862.0002079.
7. **Kifokeris, D.**, and Koch, C. (2020). A conceptual digital business model for construction logistics consultants, featuring a sociomaterial blockchain solution for integrated economic, material and information flows. *Journal of Information Technology in Construction (ITcon)*, 25, 500-521, DOI: 10.36680/j.itcon.2020.029.
8. **Kifokeris, D.**, and Xenidis, Y. (2019). Analysis of impartial Implementation in practice of risk identification in technical projects. *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering*, 5(3), 04019010, DOI: 10.1061/AJRUA6.0001015.
9. **Kifokeris, D.**, and Xenidis, Y. (2019). Risk source-based constructability appraisal using supervised machine learning. *Automation in Construction*, 104, 341-359, DOI: 10.1016/j.autcon.2019.04.012.
10. **Kifokeris, D.**, Matos, J. A. C., Xenidis, Y., and Bragança, L. (2018). Bridge quality appraisal methodology: application in a reinforced concrete overpass roadway bridge. *Journal of Infrastructure Systems*, 24(4), 04018034, DOI: 10.1061/(ASCE)IS.1943-555X.0000455.
11. **Kifokeris, D.**, Xenidis, Y., Panetsos, P., Matos, J. A. C., and Bragança, L. (2018). Bridge quality appraisal methodology: application in the Strimonas Bridge. Case study. *The Baltic Journal of Road and Bridge Engineering*, 13(3), 331-343, DOI: 10.7250/bjrbe.2018-13.420.
12. **Kifokeris, D.**, and Xenidis, Y. (2018). Application of linguistic clustering to define sources of risk in technical projects. *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering*, 4(1), 04017031, DOI: 10.1061/AJRUA6.0000938.
13. **Kifokeris, D.**, and Xenidis, Y. (2017). Constructability: Outline of Past, Present and Future Research. *Journal of Construction Engineering and Management*, 143(8), 04017035, DOI: 10.1061/(ASCE)CO.1943-7862.0001331.

Papers in conference proceedings

14. **Kifokeris, D.**, Tezel, A., and Moon, S.K. (2024). Decision-making framework for implementing blockchain in building operations and maintenance (O&M). In: Turkan, Y., Louis, J., Leite, F., and Ergon, S. (eds.). *Computing in Civil Engineering 2023: Visualization, Information Modeling, and Simulation* (493-500). Corvallis: ASCE.
15. Shayboun, M., Koch, C., and **Kifokeris, D.** (2024). Machine learning at work? The issue of data quality when developing new insight in occupational accidents. In: Turkan, Y., Louis, J., Leite, F., and Ergon, S. (eds.). *Computing in Civil Engineering 2023: Resilience, Safety, and Sustainability* (461-468). Corvallis: ASCE.
16. **Kifokeris, D.**, Dounas, T., Tezel, A., and Moon, S. (2023). What is the potential value of tokens and token engineering for the architecture, engineering, and construction industry? A positional paper. In: *Proc. 2023 EC3 & 40th International CIB W78 Conference*. DOI: 10.35490/EC3.2023.304.
17. Li, J., **Kifokeris, D.**, Barati, M., Calis, G., Gledson, B., Hall, D., Hunhevcz, J., Kassem, M., Msawil, M., and Srečković, M. (2023). Human-Data Interaction (HDI) and blockchain: an exploration of the open research challenges for the construction community. In: *Proc. 2023 EC3 & 40th International CIB W78 Conference*. DOI: 10.35490/EC3.2023.263.
18. Calvetti, D., **Kifokeris, D.**, Mêda, P., and Hjelseth, E. (2023). Human-data interaction in incremental digital twin

- construction. In: *Proc. 2023 EC3 & 40th International CIB W78 Conference*. DOI: 10.35490/EC3.2023.276.
19. Ahlstrand, R., and **Kifokeris, D.** (2023). Deskilling and reduced worker autonomy? Lean construction and neo-taylorist management in the Swedish construction sector. In: *Proc. 2023 International Labour Process Conference*, 17. Glasgow: University of Strathclyde.
 20. Dounas, T., and **Kifokeris, D.** (2023). Breaking the chain through blockchain: Decentralization, autonomy, and labour process in the Architecture Decentralised Autonomous Organisation (archiDAO). In: *Proc. 2023 International Labour Process Conference*, 73. Glasgow: University of Strathclyde.
 21. Buser, M., and **Kifokeris, D.** (2022). Do what I say, not what I do: increasing the representation of minorities in the construction sector. In: Tutesigensi, A., and Neilson, C.J. (eds.). *Proc. 38th Annual ARCOM Conference* (166-175). Glasgow: ARCOM.
 22. **Kifokeris, D.**, Bahnariu, B., and Koch, C. (2022). A mapping of Swedish lean construction variants in practice: review and survey. In: Tutesigensi, A., and Neilson, C.J. (eds.). *Proc. 38th Annual ARCOM Conference* (461-470). Glasgow: ARCOM.
 23. Bahnariu, B., **Kifokeris, D.**, Aqel, S., and Koch, C. (2022). Little big transitions: electric construction machines in small sites. In: Tutesigensi, A., and Neilson, C.J. (eds.). *Proc. 38th Annual ARCOM Conference* (542-551). Glasgow: ARCOM.
 24. Tezel, A., **Kifokeris, D.**, Koskela, L., Formoso, C., and Koch, C. (2022). A conceptual framework for lean construction and blockchain synergy. In: *Proc. 2022 30th IGLC Conference* (576-587). Edmonton: IGLC.
 25. Mêda, P., Calvetti, D., **Kifokeris, D.**, and Kassem, M. (2022). A process-based framework for digital building logbooks using business process modelling notation. In: *Volume III – Proc. 2022 European Conference on Computing in Construction*. DOI: 10.35490/EC3.2022.183.
 26. **Kifokeris, D.**, and Koch, C. (2022). The impact of the autonomy-control paradox through blockchain technology on site and white-collar workers in construction production: insights from Sweden. In: *Proc. 2022 International Labour Process Conference* (141). Padua: Padua University.
 27. Bahnariu, B., Öberg, K., Koch, C., and **Kifokeris, D.** (2022). Border regimes and unfair conditions for Eastern European migrant workers in the Swedish construction sector, a labor process theory perspective. In: *Proc. 2022 International Labour Process Conference* (24). Padua: Padua University.
 28. Shayboun, M., Koch, C., and **Kifokeris, D.** (2021). Learning from accidents: machine learning prototype development based on the CRISP-DM business understanding. In: Hare B., Sherratt, F., and Emuze, F. (eds.). *Proc. W099 & W123 Annual International Conference 2021* (43-53). Glasgow: CIB.
 29. Koch, C., and **Kifokeris, D.** (2021). Heavy-duty construction equipment – dinosaurs of black energy? In: Scott, L., and Neilson, C.J. (eds.). *Proc. 37th Annual ARCOM Conference* (694-703). Glasgow: ARCOM.
 30. **Kifokeris, D.**, and Löwstedt, M. (2021). Lost and found in translation: top-down decoupling and bottom-up recoupling of strategies and practices in construction production. In: Scott, L., and Neilson, C.J. (eds.). *Proc. 37th Annual ARCOM Conference* (532-541). Glasgow: ARCOM.
 31. Shayboun, M., Koch, C., and **Kifokeris, D.** (2021). A comparison of ACMs and ML for applied analysis within accident reports. In: Scott, L., and Neilson, C.J. (eds.). *Proc. 37th Annual ARCOM Conference* (289-298). Glasgow: ARCOM.
 32. **Kifokeris, D.**, and Koch, C. (2021). BLogCHAIN: proof-of-concept and pilot testing of a blockchain application prototype for construction logistics in Sweden. In: *Volume II – Proc. 2021 European Conference on Computing in Construction* (11-18). ISBN: 9783907234549. EC3.
 33. Shayboun, M., **Kifokeris, D.**, and Koch, C. (2020). Machine learning for analysis of occupational accidents registration data. In: Scott, L., and Neilson, C.J. (eds.). *Proc. 36th Annual ARCOM Conference* (485-494). UK: ARCOM.
 34. **Kifokeris, D.**, Tjell, J., Viklund Tallgren, M., Nygren Farah, L., and Roupé, M. (2020). Challenges in the digital transformation of lean design methods: a case study. In: Scott, L., and Neilson, C.J. (eds.). *Proc. 36th Annual ARCOM Conference* (445-454). UK: ARCOM.
 35. **Kifokeris, D.**, and Koch, C. (2020). Swedish lean construction practices identified in the last decade of research. In: Scott, L., and Neilson, C.J. (eds.). *Proc. 36th Annual ARCOM Conference* (435-444). UK: ARCOM.
 36. **Kifokeris, D.**, and Koch, C. (2019). Blockchain in construction – hype, hope, or harm? In: Kumar, B., Rahimian, F.P.,

- Greenwood, D., and Hartmann, T. (eds.). *Advances in ICT in Design, Construction and Management in Architecture, Engineering, Construction and Operations (AECO): Proc. 36th CIB W78 2019 Conference* (189-198). Newcastle: University of Northumbria. ISBN: 9781861354860.
37. **Kifokeris, D.**, Koch, C., and Xenidis, Y. (2019). Constructability of districts: capabilities of productivity and logistics big data for machine learning prediction. In: Kumar, B., Rahimian, F. P., Greenwood, D., and Hartmann, T. (eds.). *Advances in ICT in Design, Construction and Management in Architecture, Engineering, Construction and Operations (AECO): Proc. 36th CIB W78 2019 Conference* (32-41). Newcastle: University of Northumbria. ISBN: 9781861354860.
38. Shayboun, M., **Kifokeris, D.**, and Koch, C. (2019). Construction planning with machine learning. In: Gorse, C., and Neilson, C.J. (eds.). *Proc. 35th Annual ARCOM Conference* (699-708). Leeds: ARCOM.
39. **Kifokeris, D.**, and Koch, C. (2019). Blockchain in building logistics: emerging knowledge, and related actors in Sweden. In: Gorse, C., and Neilson, C.J. (Eds.). *Proc. 35th Annual ARCOM Conference* (426-435). Leeds: ARCOM.
40. **Kifokeris, D.**, and Koch, C. (2019). Blockchain in construction logistics: state-of-art, constructability, and the advent of a new business model in Sweden. In: O'Donnell, J., Chassiakos, A., Rovas, D.V., and Hall, D. (eds.). *Volume I – Proc. 2019 European Conference on Computing in Construction* (332-340). Chania: EC3. DOI: 10.35490/EC3.2019.163.
41. **Kifokeris, D.**, Roupé, M., Johansson, M., and Koch, C. (2019). Building Information Models' data for machine learning systems in construction management. In: Hajdu, M., and Skibniewski, M. (eds.). *Proc. 2019 Creative Construction Conference* (818-823). Budapest: Diamond Congress. ISBN: 9786155270567.
42. Koch, C., Shayboun, M., and **Kifokeris, D.** (2019). A human touch? How machine learning can improve project performance. In: *CIB World Building Congress 2019: 'Constructing smart cities'* (WC0101). Hong Kong: CIB World Publications.
43. **Kifokeris, D.**, and Xenidis, Y. (2019). The RISCO system: constructability appraisal through the identification and assessment of technical project risk sources. In: *IABSE Symposium Guimarães 2019 Report: Towards a Resilient Built Environment Risk and Asset Management*, Vol. 114 (1696-1703). Zürich: IABSE.
44. **Kifokeris, D.**, and Xenidis, Y. (2017). Towards the combination of risk analysis, constructability and sustainability for the lifecycle management of construction projects. In: Bakker, J., Frangopol, D. M., and van Breugel, K. (eds.). *Life-cycle of infrastructure systems: emphasis on sustainable civil infrastructure: Proc. Fifth International Symposium on Life-Cycle Civil Engineering IALCCE 2016* (1492-1499). London: CRC Press. ISBN: 9781138028470.
45. **Kifokeris, D.**, and Xenidis, Y. (2016). Project performance appraisal frameworks as blueprints for bridge quality control. In: Stipanović, I., Klanker, G., Matos, J., Casas, J., and Hajdin, R. (eds.). *COST Action TU1406: eBook of the 3rd Workshop Meeting* (p. 618-623). Twente: University of Twente. ISBN: 9789036543255.
46. **Kifokeris, D.** (2016). Lifecycle-based discretization of bridge performance indicators. In: Matos, J. C., Casas, J., Hajdin, R., Mašović, S., Tanasić, N., Strauss, A. and Stipanović, I. (eds.). *COST Action TU1406: eBook of the 2nd Workshop Meeting* (p. 751-756). Belgrade: University of Belgrade. ISBN: 9788675181873.
47. **Kifokeris, D.**, and Xenidis, Y. (2015). A conceptual framework for the assessment of bridge performance indicators through the integration of constructability, sustainability and risk analysis. In: Matos, J. C., Casas, J. R., Chatzi, E., Høj, N. P., Strauss, A., Stipanovic, I. and Hajdin, R. (eds.). *COST Action TU1406: eBook of the 1st Workshop Meeting* (p. 258). Zürich: ETH-Zürich.
48. Tegos, I., **Kifokeris, D.**, and Chrysanidis, T. (2013). Seismic design of R/C piers of hollow circular cross sections. In: Akin, M. (ed.). *Proc. 2013 International VAN Earthquake Symposium* (95-1 – 95-8). Van: Van Yüzüncü Yıl Üniversitesi Publications.
49. Tegos, I., **Kifokeris, D.**, Giannakas, N. and Chrysanidis, T. (2013). Experimental and analytical research on the influence of the shear span ratio on the maximum shear strength of hollow circular R/C cross sections. In: Dancygier, A. (ed.). *Fib symposium – Engineering a concrete future: technology, modeling & construction. Proc.* (369-372). Haifa: IACIE. ISBN: 9789659203901.

White papers

50. Kassem, M. and **Kifokeris, D.** (eds.) (2023). *Emerging Human-Data Interactions within Construction and the Built Environment*. European Council on Computing in Construction. Accepted.

Research reports

51. **Kifokeris, D.**, and Koch, C. (2023). *Lean construction – nuläget / Lean construction – the current situation*. SBUF Report 13940. Gothenburg: SBUF.
52. Shayboun, M., Koch, C., and **Kifokeris, D.** (2022). *En ny generation förebyggande av arbetsolycksfall med maskininläring – Sluttrapport sammanfattning* [translated from Swedish: A new generation of accident prevention with machine learning – Summary of final report]. SBUF Report 13670. Gothenburg: Chalmers University of Technology.
53. **Kifokeris, D.**, and Koch, C. (2021). *Digital business model for large site building logistics – a generic approach to project-configured building logistics*. SBE Report U5-2018-05. Gothenburg: Chalmers University of Technology.

Theses

54. **Kifokeris, D.** (2018). *Εκτίμηση της κατασκευασιμότητας τεχνικών έργων βάσει της ανάλυσης κινδύνων* [translated from Greek: Risk-based Constructability Assessment in Civil Engineering Projects]. PhD thesis. Thessaloniki: Aristotle University of Thessaloniki.
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