



## 1. Personal details and the date of the CV

Karjalainen

Markku, Antero (male)

Date and place of birth: 4.12.1961 in Oulujoki, Finland

ORCID 0000-0003-4374-3122; Google Scholar h-index 21

17.10.2024 (date of the CV)

## 2. Degrees

- Professor (Architectural Construction), School of Architecture, Tampere University, Finland, 1.10.2015 –
- Head of School of Architecture, Tampere University of Technology, 1.1.2017 – 31.12.2018
- Title of Docent: Timber construction and wood architecture, University of Oulu, 1.3.2008 –
- Doctor of Science (Technology), University of Oulu, Department of Architecture, 22.2.2002
- Master of Science (Architecture), University of Oulu, Department of Architecture, 21.11.1988

## 3. Language skills

- Native language: Finnish
- English: Understanding: C1; Speaking: B1; Writing: B2
- Swedish: Understanding: B2; speaking A2; Writing: A2

## 4. Current employment

- Professor (Architectural Construction), School of Architecture, Tampere University, Finland, 1.10.2015 – (permanent position)

## 5. Previous work experience

- Ministry of Employment and the Economy (TEM), Finland: Head of development of the national timber construction program; 1.1.2012 – 30.9.2015.
- Project manager of the national Modern Wooden Town project; 1.3.1997 – 31.12.2011.
- Lecturer and assistant in the architectural design laboratory of the University of Oulu, Department of Architecture; 1.12.1992 – 28.2.1997.

## 6. Research funding and grants

- As a professor in TAU: 1.10.2015 – 17.10.2024: Experienced in applying for research and project funding € 1,448,500 for own projects, For example:
- LumuPUU-project; ARA + City of Tampere (1.10.2024 – 31.5.2025) € 16,500
- Dovetail board project; EU / Marie Curie Funding (1.8.2021 – 31.7.2023) € 202,680 + Dovetail board test set; Marjatta and Eino Kolli Foundation (1.1.2022 – 31.7.2023): € 93,000.
- Wood expertise for Pirkanmaa region (1.2.2021 – 31.12.2022) ESF funding for TAU € 230,354

- Graduate School of Industrial Wood Construction (1.1.2021 – 31.12.2022) Ministry of Environment Funding for TAU € 194,907
- New forms of housing - Consolidating living suburbs (AsuMut) Ministry of Environment / ARA funding for TAU; € 120,000.
- Construction of wooden apartment buildings for growth in Pirkanmaa, PKRKP (1.1.2019 – 31.12.2021); € 111,000.

## 7. Research output

- As a professor in TAU; 1.10.2015 – 17.10.2024:
- 32 Finnish publications + articles / blog posts in trade journals in the field.
- Peer-reviewed scientific publications in international publication forums 48 articles.

## 8. Research supervision and leadership experience

In current position as a Professor of Architecture (October 1, 2015 -) in the School of Architecture of Tampere University:

- 1 dissertation examined and there are 5 dissertations in active supervision. In one dissertation: an opponent (2013).
- As Examiner 1 / Supervisor 1: 64 diploma theses + 2 diploma theses in active supervision.
- As Examiner 1 / Supervisor 1: 54 bachelor's theses. The current bachelor's course has been held five times (2020 – 2024).

## 9. Teaching merits

As a professor in TAU; 1.10.2015 – 17.10.2024:

- A responsible professor in 10 courses with a total scope of 65 cr. The teaching content of the Chair of Architectural Construction includes building materials, building systems, construction processes, and building regulations (codes).
- In 2018, completed 5 + 5 ECTS credits in university pedagogy.

## 10. Awards and honours

- Named as a special expert in wood construction, a member of the Finnish Forest Bioeconomy Science Panel for the years 2023–2026. ([www.metsatiedepaneeli.fi](http://www.metsatiedepaneeli.fi))
- TAU's Graduate School of Industrial Timber Construction (2021–) awarded with the Finnish mechanical wood sector development Rantasalmi award, the so-called "Puu-Finlandia" award (€20,000) together with Professor Sami Pajunen, 10.5.2022.
- Awarded with Puumies magazine's 14th Wood Sector Communication award, 2.9.2015.
- Awarded as the University of Oulu, Department of Architecture's Wood Studio's project manager with Rakennustietosäätiö RTS's Oulun Rakennustieto award, 9.12.2009.
- Awarded with the national Puupalkinto 2003 award for participation as a Project manager in the realization of Oulu's Puu-Linnanmaa, 26.9.2003.
- Doctoral thesis was awarded with the University of Oulu, Department of Architecture's post-graduate degree award, 25.2.2003.
- Awarded with the Finnish mechanical wood sector development Rantasalmi award, the so-called "PuuFinlandia" award together with Professor Jouni Koiso-Kanttila, 26.10.2000.
- Master's thesis was awarded with STS / KAL's national Master's thesis award, 19.4.1989.

## 11. Other key academic merits, such as:

- As a professor in TAU; 1.10.2015 – 17.10.2024: In charge of various research projects / member of the steering / evaluation / research project management teams (32 projects).

## 12. Scientific and societal impact

As a professor in TAU; 1.10.2015 – 17.10.2024:

- In the awards committees of the architectural competitions / awards (30 cases).
- As a speaker at international congresses 13 times.

- National expert lectures at wood construction forums all over Finland 90 times.
- Social visibility: appeared in TV, radio, and magazine interviews about 75 times.



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