

SHORT CV

- Name, age: **Filip Tuomisto, 40**
- Marital status: Married, three children (born in 2004, 2006, and 2011)
- Contact address: Department of Applied Physics, Aalto University (AU)
P.O. Box 15100, Puumiehenkuja 2, FI-00076 Aalto, Espoo, Finland
phone: +358-50-3841799
- Present position: Professor, Nuclear Engineering
Director, Helsinki Institute of Physics Technology Programme
Vice President, European Nuclear Education Network Association
- Key expertise: Experimental materials physics; nuclear engineering
- Highest degree: Doctor of Science in Technology, Helsinki University of Technology, Department of Engineering Physics and Mathematics, 18.10.2005.
- Publications: Total of >**200** refereed scientific publications
More than **3300** citations giving an **h-index** of **28** (Web of Science™)
- Presentations: **43 invited and plenary talks** and numerous contributed talks and posters at international scientific conferences, more than 30 invited seminar talks.
- Training: **23 supervised doctoral theses.**
- Teaching: Director, Engineering Physics BSc major and minor.
Director, Aalto Nuclear Safety MSc minor and Energy Science BSc minor.

Lecturer of various basic and advanced physics courses at the Department of Applied Physics (AU) since 2006. Lecturer at and organizer of several summer schools for graduate students, both national and international.
- Management: Director of the Technology Programme of the Helsinki Institute of Physics. Part-time function. 2018 – 2022.

Chairman, executive board of CORES, the Finnish Consortium for Radiation Safety Research coordinated by the Finnish Radiation and Nuclear Safety Authority (STUK). 2018 – 2019.

Research group leader since 1/2006. Group of 15 people at the moment.
- International: Coordinator and participant in several international collaborative projects and networks, active research collaboration with more than 40 groups worldwide. Member of the international programme, advisory or organizing committee of more than 10 international conferences.
- Reviewing: Regular referee for numerous journals, incl. Nature, Phys. Rev. Lett, Phys. Rev. B, Appl. Phys. Lett. etc. Approximately 25 refereed articles / year.
- Evaluation: Member (2011–2019) of the Condensed Matter Physics and Chemistry Expert Panel of the FWO-Vlaanderen (Belgium). Chairman of the panel in 2019.

External project evaluation for, *e.g.*, EU ERC and H2020, DoE (USA), NSF (USA), ANR (France), and NCN (Poland).

Professorship, promotion, habilitation and PhD evaluation for several universities.
- Policy making: Member (2015 – 2017) of the steering group, representing Finnish Universities excl. hospitals, for the overall renewal of the Finnish Law on radiation appointed by the Ministry of Social Affairs and Health (Finland).

Member (2013 – 2014) of the steering group defining the National Strategy for Nuclear Energy research in Finland set by the Ministry of Employment and the Economy (roadmap to 2030).
- Recognition: Chevalier dans l'Ordre des Palmes Académiques, decoration issued in 2016 by the French government for distinguished academics.

EspooAmbassador 2015 awarded by the city of Espoo (Finland) based on activity in the scientific community and conference organization.