

Tomislav Capuder rođen 1983. godine u Zagrebu. Diplomirao je i doktorirao na Sveučilišta u Zagrebu Fakultetu elektrotehnike i računarstva. Na istom Fakultetu izabran je u znanstveno-nastavno zvanje docent 2016. godine, a 2020. godine u znanstveno-nastavno zvanje izvanredni profesor. Trenutno obnaša dužnost prodekana za istraživanje i inovacije Sveučilišta u Zagrebu Fakulteta elektrotehnike i računarstva.

Tijekom doktorskog i poslijedoktorskog studija proveo je više mjeseci na usavršavanju na Sveučilištu u Manchesteru u Velikoj Britaniji. Dobitnik je nagrade Srebrni Josip Lončar za najbolju doktorsku disertaciju Fakulteta elektrotehnike i računarstva u 2013/2014 godini, Nagrade za znanost Fakulteta elektrotehnike i računarstva za 2015 godinu, Nagrade Vera Johanides Hrvatske akademije tehničkih znanosti te mnogih drugih.

Istraživački interesi obuhvaćaju distribucijske mreže, napredne energetske sustave, integrirane energetske infrastrukture, planiranje i vođenje elektroenergetskih sustava, tržišta energije, modeliranje i optimiranje elektroenergetskog sustava, s naglaskom na napredne tehnike optimizacije i umjetne inteligencije.

Autor je poglavlja u knjizi, 3 uredničke knjige, više od 50 radova u časopisima kategorije A i više od 80 radova u zbornicima skupova s međunarodnom recenzijom, te preko 100 stručnih studija i elaborata. Član je uredničkih odbora nekoliko međunarodnih znanstveno stručnih časopisa (od čega je International Transactions on Electrical Energy Systems indeksira u Current Content bazi). U 2016. godini dobio je nagradu za najboljeg recenzenta časopisa IEEE Transactions on Smart Grid i nagradu za najboljeg recenzenta časopisa International Journal on Electrical Power and Energy Systems (oba časopisa indeksirana su u bazi Current Content), dok je u 2019. godini dobio je nagradu za najboljeg recenzenta časopisa IEEE Transactions on Smart Grid i IEEE Transactions on Power Systems.

Voditelj je više međunarodnih i nacionalni znanstveno-istraživačkih i razvojnih projekata.

Bio je tajnik međunarodnih konferencija Smart Grid World Forum 2010 i European Energy Market 2011 te predsjednik Organizacijskog odbora međunarodne konferencije IEEE EUROCON 2013. Također bio jedan od predsjednika programskog odbora međunarodne konferencije IEEE ENERGYCON 2014, te je jedan od članova programskog odbora IEEE ENERGYCON 2016 i IEEE Energycon 2018. Bio je predsjednik međunarodne konferencije Medpower 2018.

Član je znanstvenih i stručnih udruga HRO CIGRE, SDEWES, IEEE, a obnaša u dužnosti u izvršnom odboru i studijskom odboru HO CIRED-a.

Izvršno se služi engleskim jezikom te na srednjoj razini koristi njemačkim jezikom.

Oženjen je i otac troje djece.

Tomislav Capuder was born in 1983 in Zagreb. He received his bachelor, master and doctoral degrees from the University of Zagreb Faculty of Electrical Engineering and Computing. At the same Faculty, he was elected as the assistant professor in 2016 and in 2020 as the associate professor. He is currently working as a vice-dean for research and innovation at the University of Zagreb Faculty of Electrical Engineering and Computing.

During his doctoral and postdoctoral studies, he spent several months as a visiting researcher at the University of Manchester in the UK. He won the Silver Josip Lončar Award for the best doctoral dissertation at the Faculty of Electrical Engineering and Computing in 2013/2014, the Science Award of the Faculty of Electrical Engineering and Computing for 2015, the Vera Johanides Award of the Croatian Academy of Engineering and many others.

His area of interest covers distribution networks, integrated energy infrastructure, multi-energy systems, electric power systems planning and operation, energy markets, and modelling and optimization of electric power systems, with an emphasis on advanced optimization techniques and artificial intelligence.

He is the author of a chapter in a book, 3 editorial books, more than 50 papers in category A journals, more than 80 papers in conference proceedings with international peer-review, and over 100 technical studies. He is an Editorial Board member in several international scientific and technical journals (International Transactions on Electrical Energy Systems is indexed in the Current Content database). In 2016, he received the award for the best reviewer of the IEEE Transactions on Smart Grid and the award for the best reviewer of the International Journal on Electrical Power and Energy Systems (both journals are indexed in the Current Content database), while in 2019 he received the award for the best reviewer of the IEEE Transactions on Smart Grid and IEEE Transactions on Power Systems.

He is the coordinator of several international and national research and development projects.

He was the secretary of the international conferences Smart Grid World Forum 2010 and European Energy Market 2011, as well as the chairman of the board of the international conference IEEE EUROCON 2013. He was also one of the presidents of the program committee of the international conference IEEE ENERGYCON 2014 and one of the program committee members of IEEE ENERGYCON 2016 and IEEE Energycon 2018. He was the president of the international conference Medpower 2018.

He is a member of scientific and technical associations HRO CIGRE, SDEWES, IEEE, and he serves as an executive board member and working group member of HO CIRED.

He speaks excellent English and speaks German at an intermediate level.

He is married and the father of three children.