

Juryrapport

KHMW Langerhuizen Bate 2026 - Informatica en Wiskunde

Dr. A. (Ayushi) Rastogi

Impact of AI solutions on employees with disabilities

University of Groningen

We are pleased to award this year's Langerhuizen Bate to Ayushi Rastogi. We applaud her plans to research AI in the context of users with disabilities. While many researchers are focusing on the possibilities of AI, Rastogi instead focuses on users whose need might not be taken into account.

The jury saw in Rastogi's work a wonderful mix of creativity and impact. Because of her strong and expansive prior work on fairness, diversity, and inclusion, we are confident that the research assistant she plans to hire for this project will under her guidance reach both insightful and actionable results.

Finally, we would like to compliment Rastogi's framing of her work within computer science. While multi- and interdisciplinary work is often commended and encouraged, work that aims to stretch the limits of a given field, while still situated within it, is bound to encounter questions of centrality: "is this real computer science?" Rastogi's research and her award today shows that it is.

Prof. dr. J.C.M. (Jos) Baeten, fellow Centrum Wiskunde & Informatica Amsterdam, emeritus-hoogleraar Theory of Computing Universiteit van Amsterdam

Prof. dr. ir. F.F.J. (Feliene) Hermans, hoogleraar Computer Science Education Vrije Universiteit Amsterdam, leraar Lyceum Kralingen Rotterdam

Prof. dr. M.I.A. (Mariëlle) Stoelinga, hoogleraar risicomanagement high-tech systemen Universiteit Twente, hoogleraar Software Science Radboud Universiteit

De jury vergaderde op 17 maart 2026 online onder leiding van KHMW-maatschappelijk lid drs. G. (Garance) Reus-Deelder. Tevens was ter vergadering aanwezig prof. dr. A.P. (Ad) IJzerman, secretaris natuur- en medische wetenschappen KHMW.