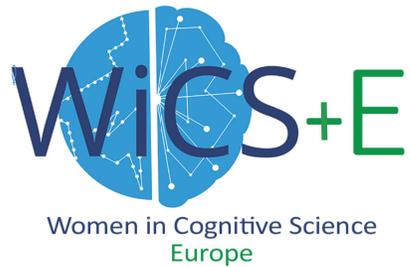


Building inclusive computational skills

Why Coding Matters:
Barriers and opportunities
in Cognitive Science



Ana F. Palenciano
University of Granada
(Spain)



Alina Herderich
University of Graz
(Austria)



Cecilia Baldoni
MPI of Animal Behavior
(Germany)

Online event 
Monday, 23.02.2026 
13:00-14:30 CET 

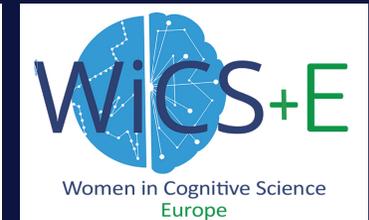
Women in Cognitive Science Widening Inclusivity in Cognitive Science



WiCS+ is International!
Become a member of WiCS+!

- **It's Free!**
- Sign up on the website
- Open to all scientists

www.womenincogsci.org



Sign up for WiCS+Europe updates!

Stay up to date with WiCS-Europe activities, including upcoming events, calls for participation, mentoring opportunities, and other initiatives related to EDI in cognitive science.

Our events is open to people of **all gender identities**, career stages, and disciplines.

[Leave your contact details here!](#)

A screenshot of the WiCS+ website's membership sign-up form. The page has a dark blue header with the WiCS+ logo and navigation links: Home, About, Events, Resources, Awards, WiCS Europe, and social media icons for Facebook and Twitter. A 'Join WiCS+' button is in the top right. The main content area is dark blue with the text 'Get Involved' and 'Become a Member' in large white font. Below this is the instruction 'Complete the form to become a member of the WiCS+ Community'. The form itself is on a light blue background and includes:

- 'Name (required)' section with two input fields for 'First Name' and 'Last Name'.
- 'Email (required)' section with one input field.

WiCS+Europe



- WiCS+E launched during International Meeting of the Psychonomic Society 2016 by Teresa Bajo and Cristina Cacciari, and has been supported by European Society of Cognitive Psychology (ESCoP)
- WiCS+E current leadership team:



wics.europe@gmail.com



<https://wicseurope.github.io/WiCSEurope/>



@wicseurope.bsky.social



Women in Cognitive Science Europe



Nura Sidarus
Royal Holloway University
of London, UK



María J. Maraver
University of Jaén,
Spain



Marta Rivera Zurita
University of the Illes
Balears, Spain



Matilde Ellen Simonetti
RWTH Aachen University,
Germany



Alicia Luque
Nebrija University,
Spain



Andrea Kiesel
University of
Freiburg,
Germany



Rachelle Ho
University of
Aberdeen, UK



Ronja Mueller
Medical School
Hamburg, Germany



Zofia Wodniecka
Jagiellonian University,
Poland

Women in Cognitive Science

Widening Inclusivity in Cognitive Science



WiCS founded in 2000/2001, affiliated with the Psychonomic Society by Judith Kroll, Randi Martin, and Suparna Rajaram

Our Mission

- Celebrate the contributions of women
- Promote inclusivity in the field
- Provide career support and training
- Build community for networking opportunities

Martin, R. C., & Rajaram, S. (2024). The founding and growth of women in cognitive science: An enduring legacy of Judith Kroll. *The American Journal of Psychology*, 137(2), 215–223, <https://doi.org/10.5406/19398298.137.2.12>

The Founding and Growth of Women in Cognitive Science: An Enduring Legacy of Judith Kroll

RANDI C. MARTIN
Rice University

SUPARNA RAJARAM
Stony Brook University

Women in Cognitive Science

Widening Inclusivity in Cognitive Science



What we do

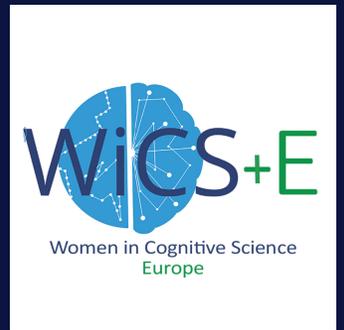
- Workshops, panels, speed mentoring events at conferences (e.g. Psychonomics, ESCoP, ICPS...)
- Networking Awards
- Networking Hubs in specific areas to join and/or identify speakers
- Virtual coffee hours
- Writing support groups
- Share resources, e.g. information, job opportunities...

Past events

<p>WICS+Europe at ESCOP2025</p> <p><i>Creating inclusive and safe academic spaces</i></p> <p>Sheffield, UK · 2 September 2025</p>	<p>Addressing gender-based violence in academia</p> <p><i>Online seminar</i></p> <p>10 March 2025</p>	<p>Creating an Inclusive and Anti-racist Academia</p> <p><i>Online panel discussion</i></p> <p>28 October 2024</p>
<p>How to Promote Equality?</p> <p><i>Celebrating Women Leaders in EDI</i></p> <p>March 2024 · Online</p>	<p>Transitions in Career Paths</p> <p><i>ESCOP 2023 Panel & Speed Mentoring</i></p> <p>Porto, Portugal · 6 September 2023</p>	<p>Fast Lane to Slow Science</p> <p><i>International Women's Day panel</i></p> <p>20 March 2023 · Online</p>
<p>Lessons to Be Learned from the Pandemic</p> <p><i>Online panel discussion</i></p> <p>28 November 2022</p>	<p>Running Your New Lab</p> <p><i>Tips and tricks</i></p> <p>10 March 2022 · Online</p>	<p>Making the Invisible Visible</p> <p><i>Panel & Speed Mentoring</i></p> <p>vSARMAC</p>



Women in Cognitive Science in Europe



- WiCS+E Advisory board:



Teresa Bajo
University of Granada,
Spain



Alessandra Souza
University of Porto,
Portugal



Anna Soveri
University of Turku,
Finland



Valerie Camos
Université de Fribourg,
Switzerland



Gabriella Vigliocco
University College
London, UK



Stephan Lewandowsky
University of Bristol, UK



Anne Christophe
Ecole Normale Supérieure,
France



Agnieszka Wykowska
Istituto Italiano di
Tecnologia, Italy



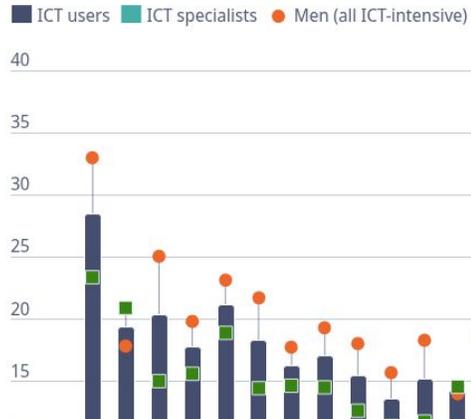
Eva van den Bussche
KU Leuven,
Belgium



Wilfried Kunde
Würzburg University,
Germany

Today's event!

ICT specialists as a percentage of all jobs, total % of jobs



Number of AI research publications by gender

--- Number of publications with at least one female author --- Number of publications with at least one male author

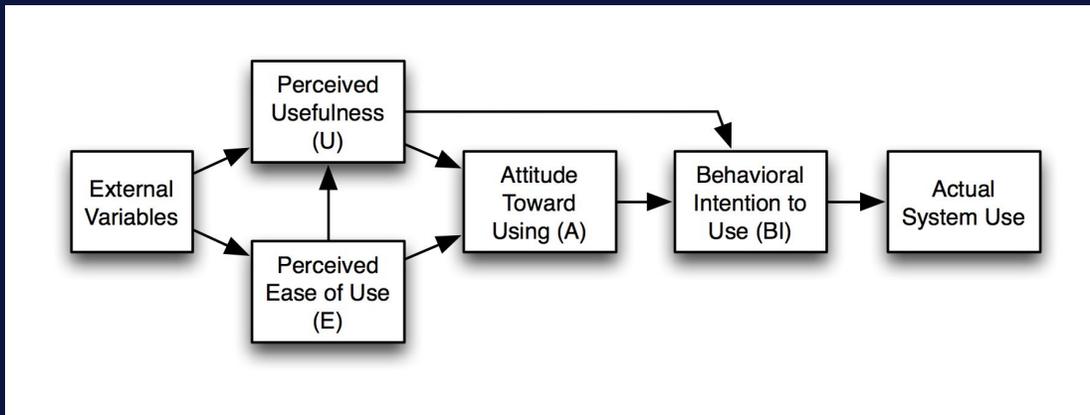


DEBUGGING ♀ THE GENDER GAP

TEDx The Invisible Code: Closing the Digital Gender Gap | Anne Kjaer Bathel | TEDxBerlin Women

But where's the problem?

Technology Acceptance Model (TAM Davis, 1993)

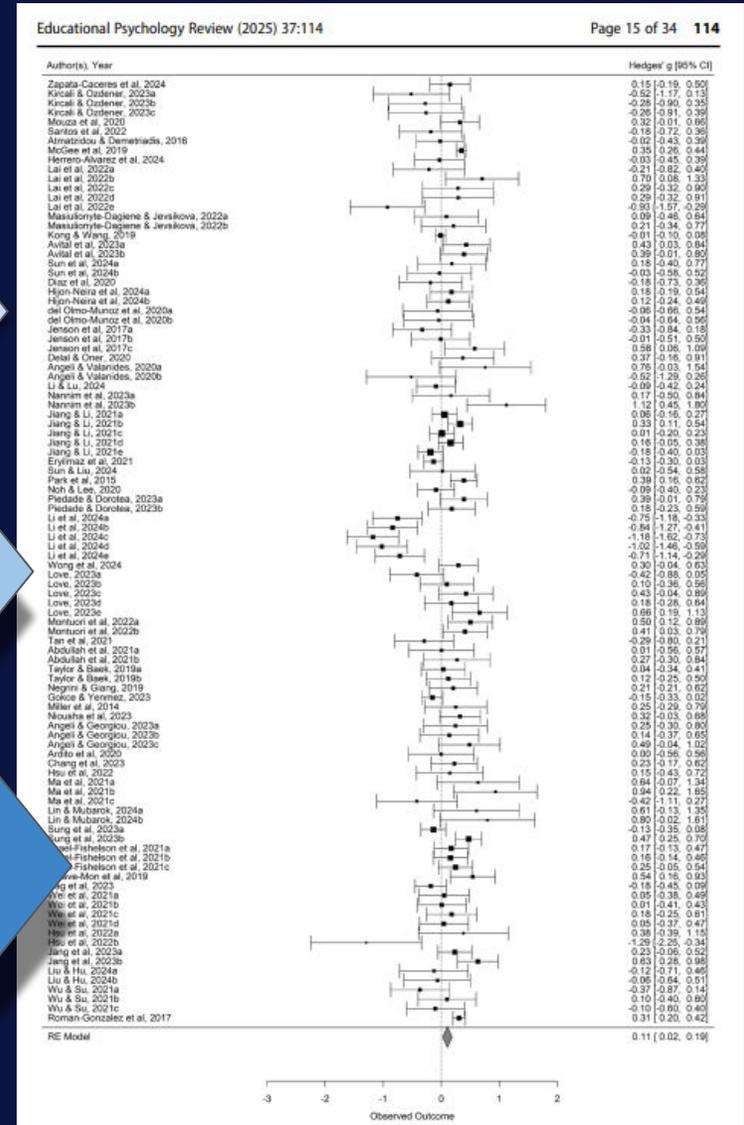
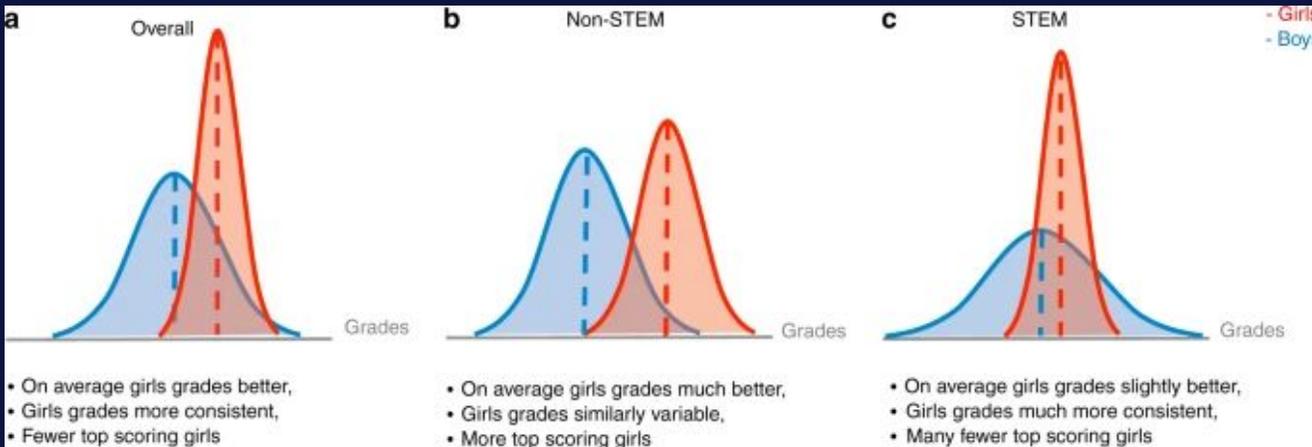


education matters

confidence & motivation

supportive environments

Gender gap does not reflect performance gap

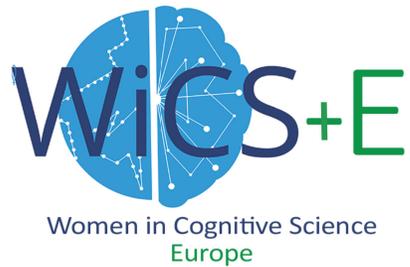


Liu, S., Dai, Y., Ng, O. L., & Cai, Z. (2025). Gender Disparity in Computational Thinking Pedagogy and Assessment: A Three-Level Meta-Analysis. *Educational Psychology Review*, 37(4), 114. <https://doi.org/10.1007/s10648-025-10095-3>

O'Dea, R. E., Lagisz, M., Jennions, M. D., & Nakagawa, S. (2018). Gender differences in individual variation in academic grades fail to fit expected patterns for STEM. *Nature communications*, 9(1), 3777. <https://doi.org/10.1038/s41467-018-06292-0>

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Training bonus!



Women in Cognitive Science (WiCS) Workshop Series

We are pleased to be running a workshop series in collaboration with [Women in Cognitive Science Europe \(WiCS Europe\)](#) as part of their **Building Inclusive Computational Skills initiative**.

This four-part online workshop series will take place every Wednesday in March, from 12:00–13:00 (UK time). The workshops are designed for beginners and are ideal for researchers who would like to start using open-source tools in their research while learning the foundations of Python programming along the way.

Participants will be introduced to PsychoPy and guided through practical steps for designing, running, and extending experiments. No prior programming experience is required.

Workshop Schedule **all sessions 12:00–13:00 (UK time):**

- March 4th: Introduction to PsychoPy
- March 11th: Extending PsychoPy with Python Code
- March 18th: Running Online Studies with PsychoPy
- March 25th: Creating an Eye-Tracking Experiment in PsychoPy

How to Sign-up

Initially, registration will be open only to participants attending the WiCS Building Inclusive Computational Skills webinar. Click below to find more information, and sign up to that event:



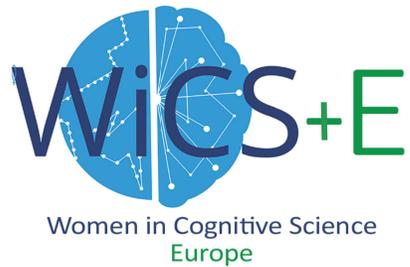
Women in Cognitive Science
Europe



This workshop series is supported by the Chan Zuckerberg initiative for raising diversity and internationalization in PsychoPy.

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