

II International Conference **Gender and Minorities in Science Education** Global Perspectives and Local Practices

15 October 2026

9:00 | 17:30 (CEST, UTC+2)

Aula Mangoni

Complesso Monte S. Angelo, Via Cinthia, Napoli

Bringing together researchers and educators from diverse geographical, cultural, and disciplinary contexts, the conference aims to create a space for collective critical reflection on the structural barriers that continue to limit the participation, recognition, and representation of women and historically marginalised communities in STEM fields. Drawing on decolonial perspectives, the conference examines the historical and ongoing relationships between Western science and colonial processes, exploring how colonial legacies continue to shape scientific knowledge, educational systems, and the boundaries of what is recognised as science.

The conference pays particular attention to reimagining curricula and pedagogical practices as a key to fostering more equitable and socially responsive learning environments. This involves considering not only what is taught in mathematics and science, but also how collective inquiry, dialogue, and pedagogical experimentation can support broader socio-ecological understandings. Such a perspective highlights the interdependence of social, cultural, ecological, and epistemic dimensions of STEM education, while engaging with issues of environmental precarity, justice, community life, and situated knowledge.

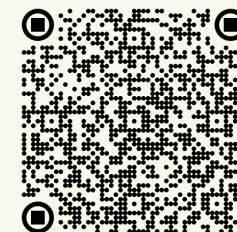
Experiences of research and teaching from different parts of the world will be highlighted to show how locally grounded practices can respond to global challenges and contribute to educational systems that value diverse forms of knowledge and lived experience.

Attendance is free of charge. You can register using this [link](#) by October 5.

Presentations will be delivered in both Italian and English.

Simultaneous interpretation between the two languages will be provided throughout the conference.

All the conference materials are available clicking [here](#) or scanning the QR code.



SCIENTIFIC COMMITTEE

Giancarlo Artiano (UNINA); Emilio Balzano (UNINA); Chiara Boni (UNINA); Silvia Galano (UNINA); Angela Gargano (INFN); Antonella Liccardo (UNINA); Maria Mellone (UNINA); Ofelia Pisanti (UNINA).

8:30 Registration

9:00 Welcome and Institutional Greetings

9:15 Opening Remarks

Antonella Liccardo, President of The Guarantee Committee for equal opportunities, well-being and anti-discrimination (CUG) - University of Napoli Federico II

9:45

Marco Boscolo, Science journalist, Facta.eu

The Empire's Laboratory: The Urgency of Decolonizing Science*

10:10

Lise Korsten, University of Pretoria, African Academy of Sciences

Title to be confirmed

10:35

Haira Gandolfi, University of Cambridge/UK

Decoloniality and social justice science issues: insights from Latin America for a socio-political turn in science education

11:00 Coffee Break

11:30 Discussion

Chair: Maria Paradiso, University of Napoli Federico II

12:15 - 13.00 Communications

Raiza Leal, Federal Center for Technological Education, Rio de Janeiro

Andreia Guerra, Federal Center for Technological Education, Rio de Janeiro

Tânia Camel, Oswaldo Cruz Foundation, Rio de Janeiro

The case of Rosewood extraction through the lens of the Cultural History of Science

Rossella Parente, IDIS Foundation - Città della Scienza, Napoli

From the territory: knowledge, community, and scientific citizenship in Campi Flegrei*

Veronica Manzoni, Alma Mater Studiorum University of Bologna

What If We Started from the Stories and Voices of Incarcerated Female Students to Rebuild Inclusive Mathematical Learning Environments?*

13:00 Lunch break

14:30

Alf Coles, University of Bristol

Towards some ecological practices of education

15:00

Mario Martone, Giovanni Pinto, Educare alle differenze Napoli

Science, Gender, and Taboos: The Impact of the Valditara Law on Sex and Relationships Education*

15:30 - 17:30 Communications

Ruben Philip Impellizzeri, Alma Mater Studiorum University of Bologna

Silvia Demozzi, Alma Mater Studiorum University of Bologna

Federica Zanetti, Alma Mater Studiorum University of Bologna

Biology, Gender, and Education: Investigating Implicit Gender Biases in School Biology Discourses*

Michelangelo Panza, University of Macerata

Francesca Bracci, University of Firenze

A humble dance across the Science|Education boundary: gender- responsive design in primary and kindergarten teacher education*

Daniela Tossini, University of Roma Tor Vergata

Beyond numbers. An inclusive laboratory on geometry through discovery*

Serena Monica, University of Ferrara

Federica Ferretti, University of Ferrara

What happens when classroom interactions take hold? A reflection on student performance in relation to identity and the gender gap*

Francesca Marone, University of Napoli Federico II

Francesca Buccini, University of Napoli Federico II

Gender, STEM, and Learning Environments: A Review of the Literature*

Federica Bottani, University of Valle d'Aosta

Gender and Parents' Education: Composition of Top Math Performers in Valle d'Aosta's Primary Schools*

Ginevra Aquilina

When context matters: gendered solution patterns in an INVALSI task*

A poster area and social project stands will be available in the foyer throughout the conference and open for viewing during breaks.

Presentations marked with an asterisk (*) will be delivered in Italian.