The 2<sup>nd</sup> INTERNATIONAL CONFERENCE of the JOURNAL SCUOLA DEMOCRATICA "REINVENTING EDUCATION" will be hosted online June 3 through 5 2021, by Scuola Democratica, Centro Interuniversitario per la Ricerca Didattica (University of Cagliari and University of Sassari), Il Mulino. The challenges posed by the contemporary world have long required a rethinking of educational concepts, policies, and practices. The question about education 'for what' as well as 'how' and 'for whom' has become unavoidable and yet it largely remained elusive due to a tenacious attachment to the ideas and routines of the past which are now far off the radical transformations required of educational systems. Scenarios, reflections, and practices fostering the possibility of change towards the reinvention of the educational field as a driver of more general and global changes are centerstage topics at the Conference and will have a multidisciplinary approach from experts from different disciplinary communities, including sociology, pedagogy, psychology, economics, architecture, political science, etc. We hope with this opportunity to confirm the participation obtained at the first edition of the conference. Organizers, promoters and partners of the Conference wish to invite educators, teachers, researchers, scholars, academics, scientists, professionals, experts and policy makers to join the conversation and bring the disciplines towards a more integrated set of alliances by:

- promoting a trans and inter disciplinary discussion on urgent topics;
- fostering debates among experts and professionals;

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- diffusing research findings all over international scientific networks and practitioners' mainstreams;
- launching further strategies and networking alliances on local, national and international scale;
- providing a new space for debate and evidence to educational policies.

We invite you to submit ABSTRACT/PAPER for your presentation at the **Panel session**:

# I.15 GENDER, LEARNING AND SCIENTIFIC PRACTICES: REINVENTING EDUCATION FROM THE MARGINS

### Convenors

Letizia Zampino ("Sapienza", University of Rome); Assunta Viteritti ("Sapienza", University of Rome); Mariacristina Sciannamblo ("Sapienza", University of Rome)

### Keywords

gender; education; science; technology; margins

This panel aims to explore the intersection between practices related to gender, learning and science in educational environments.

What are the theoretical and empirical nodal points that link gender, learning, science and technology? What processes do affect gender relations within educational and professional paths? What happens at the interface between learning and scientific practices in terms of gender dynamics? How do practices, beliefs and values informed by gender relations affect the construction of scientific knowledge and the design of objects? How do imaginary, objects and daily activities within scientific fields define relations between men and women, masculinity and femininity? What role do gender studies and feminist thinking play in education?

While recent national and European studies show an increasing female presence within scientific educational and professional paths such as physics, medicine, mathematics, (She Figures, 2019), a revival of historical accounts has uncovered the crucial role of women – kept invisible by mainstream accounts - as precursors and pioneers of scientific and technological innovations. On the other hand, a significant body of studies in the field of gender and feminist studies of science and technology has examined how scientific knowledge is situated in specific educational and disciplinary contexts, which reproduce gender asymmetries.

Moreover, recent intersectional approaches to the study of STEM fields have investigated how gender is linked with other social, cultural and material categories (such as race, class, sexuality, dis-ability), resulting in extensive, sometimes subtle, forms of oppression and discrimination.

This panel invites contributions that aspire to confront the challenge and opportunity of how to reinvent education from the margins, demonstrating how education can be a source of constraint, but also a potential source of liberation.

Empirical, theoretical and methodological contributions are welcome, and may include (but are not limited to):



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- •gender asymmetries in STEM fields;
- gendering practices in STEM fields;
- •genderization of scientific knowledge and technical design;
- reconfiguration of scientific knowledge and practice through gender;
- •invisibility of women in scientific history and fields;
- intersectionality and education;
- •the power of margins to reinvent issues in education.

## ABSTRACTS/PAPERS SUBMISSION

### **HOW TO SUBMIT**

ABSTRACTS/PAPERS should be submitted by **April 4, 2021** (<u>check Conference Dates and Deadlines</u>). ABSTRACTS/PAPERS should be submitted via the <u>pre-conference tool</u>.

Please <u>do not submit your ABSTRACT/PAPER</u> by e-mailing it to the Convenor(s) of the Panel session you chose. Convenor(s) will receive submitted ABSTRACTS/PAPERS automatically from the <u>pre-conference tool</u> and they are going to reject <u>ABSTRACT/PAPER</u> submitted to their e-mail addresses.

## Language for ABSTRACTS/PAPERS is English.

You can submit an ABSTRACT or in case you prefer a PAPER. <u>Be careful</u>: **DO NOT SUBMIT BOTH ABSTRACT AND PAPER**. EITHER YOU SUBMIT THE FORMER OR THE LATTER.

## ABSTRACT/PAPER should include:

- 1. Title (limited to 20 words in UPPER CASE)
- 2. Author's name and surname, institution, and email address
- 3. Five keywords
- 4. ABSTRACT's text (limited to 500 words). In case you decide for the PAPER, text will be 3.500 words min. 5.000 words max. In the submission text, please write: ABSTRACT or PAPER after the title. Example: FAMILY BACKGROUNDS AND STUDENT ENGAGEMENT IN SECONDARY SCHOOLS. A CASE STUDY (PAPER)

## The Conference formula is: 1 SUBMISSION = 1 FEE (check FEES webpage)

It is possible to submit a maximum of 2 ABSTRACTS/PAPERS per person (double submission must concern 2 different Panel Sessions). Each ABSTRACT/PAPER is eligible if it is backed by an APP FEE. Co-authors who do not submit ABSTRACT/PAPER as first author may access to the Conference via the discounted P FEE (check FEES webpage).

The submitting and presenting author must be listed as the first author in the <u>pre-conference tool</u>. Please note that the submitting author will receive all correspondence about the ABSTRACT/PAPER. Therefore, we recommend that the submitting author details that are entered are the same details as those of the presenting author.

ABSTRACTS/PAPERS may not be edited/uploaded after final submission.

Before you submit, please make sure the following requirements are met:

- ABSTRACT/PAPER must be allocated to a specific Panel session. Therefore, you must select the proper Panel when submitting. For a complete listing of Panel sessions please <u>click here</u>.
- If possible, write your ABSTRACT/PAPER highlighting methods, outcomes, references. Word count is affected by inclusion of references.
- Convenors and the Scientific Committee will review all submitted ABSTRACTS/PAPERS. Notification regarding acceptance and scheduling will be sent to the submitting author via the pre-conference tool.

Please note, if your ABSTRACT/PAPER is accepted, you will be permitted a maximum of 20 minutes for oral presentation.