



UNIVERSITÀ
DEGLI STUDI
FIRENZE
FORLILPSI
DIPARTIMENTO DI FORMAZIONE,
LINGUE, INTERCULTURA,
LETTERATURE E PSICOLOGIA

ATEE Spring Conference 2020/2021

Social justice, media and technology in teacher education

Florence, Italy
28th-29th October 2021

CONFERENCE REPORT

University of Florence

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University of Florence

The University of Florence, in particular the Department of Education, Languages, Interculture, Literatures and Psychology, has hosted the Spring Conference 2020-2021 of the Association for Teacher Education in Europe (ATEE). Due to the insurgence of the COVID-19 pandemic, the Conference which was originally planned as a face-to-face event for May 2020, has been postponed to 28th and 29th October 2021 and held completely online.

The University of Florence is an important and influential centre for research and higher training in Italy, with 1,800 lecturers and internal research staff, 1,600 technical and administrative staff, and over 1,600 research assistants and doctoral students. It offers a wide range of study programmes at various levels and in all areas of knowledge. 126 Degree courses, organised in 10 Schools, with a population of about 51,000 enrolled students, 1/4 of which come from outside of Tuscany. There are over 9,000 degrees awarded each year in Florence. It has a natural international vocation, and the development of internationalization is one of its strategic priorities. It is one of the largest and most productive public research systems in Italy thanks to the number of researchers working in a wide range of disciplinary fields, and to an intensive participation in research programmes of national and international relevance and to the significant scientific results achieved. External funds support the research and knowledge transfer activities.

This qualifies the University of Florence as a modern research university and accounts for its excellent position in national and world rankings. The Department of Education, Languages, Interculture, Literatures and Psychology is made up of about 50 scholars, including full and associate professors, assistant professors and researchers. In terms of research and knowledge production, particular interest is placed on individual, relational, social and environmental wellbeing; on building social, health and educational services based on cultural, legal and scientific evidence, and the emerging needs of civil society; on developing innovative approaches to teaching and learning with a particular focus on the use of digital media and the promotion of media and digital literacy; on supporting research and training in intercultural contexts to promote equity, social inclusion and democratic citizenship.



1. - Introduction

The ATEE Spring Conference 2020-2021 (<https://www.ateespring2020.education/>), focused on Social justice, media and technology in teacher education, was initially planned for being hosted in Florence on 20-22 May 2022. The organization of the Conference was at a well-advanced stage when, in the first week of March 2020, the Covid-19 caused the lockdown in Italy that lasted until the first week of May 2020.

Because of the worldwide situation, it was firstly decided to postpone the Conference – always in presence – in the late Autumn 2020, but a strong resurgence of the pandemic, at the end of the Summer 2020, forced the organizers to postpone again the Conference waiting for the developments also at global level.

Finally, in March 2021, the organisers decided not to waste the many scientific contributions already submitted before the lockdown, to confirm the Conference to be held online on the 28-29 October 2021.

As the organisers wrote to the authors “, if “*Social justice, media and technology in teacher education*” were topics of absolute relevance one year ago, they are now indispensable to re-shape the role of teachers in this fast-changing educational landscape [since the] technology helped us in tackling the emergency but is also raising new questions about educational poverty, social justice linked to the use (or abuse/misuse) of technology.”

To favour new contributions, also for a comparison of the educational themes “before/after” the pandemic, the submission of new abstracts was re-opened and a new peer-review process was started. Moreover, to make the Conference more attractive, in a period when there was an overabundance of online events, the authors were offered to (re)submit an extended abstract to be peer-reviewed for being published in an Instant Book of the Conference with ISBN and to write a full paper to be published, free of charge, in the Springer Communications in Computer and Information Science (CCIS) series.

The ATEE Spring Conference 2020-2021 was then held online with a large participation of teachers, researchers, and students and with a high scientific quality as detailed in the present document.

2. – Conference Committees

The ATEE Spring Conference 2020-2021 in Florence has been chaired by Maria Ranieri, PhD, Professor of Education and Technology at the Department of Education, Languages, Interculture,

Literature and Psychology (FORLILPSI) at the University of Florence. A local organizing committee and a scientific committee were appointed on purpose for the conference.

The Scientific Committee included the FORLILPSI faculty staff, as well as professors and teachers from other national and international universities with more than 30 local, national and international experts in the field of education research. The list of Committee members is available on the website of the Conference (<https://www.ateespring2020.education/>).

The Organizing Committee, chaired by Eng. S. Cuomo, PhD (University of Florence) was supported by a Communication Staff, a Managing Editor, and an Editorial staff. The composition of the Organizing Committee can be found at this link <https://www.ateespring2020.education/organising-committee/>.

3 - Conference Theme

The ATEE Spring Conference 2020-2021 proposed a critical perspective, even from a social and historical point of view, on the role of digital technology and media in teacher education by framing the relationship between technology/media and education in the light of the ever-increasing social inequalities. From this standpoint the Conference focused on the new challenges and growing demands on education system committed to addressing all forms of disparities in access, participation and learning outcomes, social exclusion and discrimination. A critical approach to the understanding of the implications of technological developments for education is particularly significant in a world dominated by algorithms that are increasingly controlling and regulating the extent to which people do or do not participate in social life. The central focus of this conference is the relevance of these critical perspectives and approaches in the field of teacher education's research and practice.

Main sub-themes are:

Teaching critical media/digital literacy in multicultural societies. Research on media and digital literacy has emphasised the potential of education to foster the critical understanding of the relationships between media, information and power, particularly referring to the media (mis)representation of – and the (online) hate speech against – historically marginalized communities, as well as to the underlying ideologies that naturalise – or question – discrimination and social injustice in the wider society. To what extent – and how – teacher training and education may reflect and incorporate critical media/digital literacy to prepare teachers to teach in

multicultural contexts?

Decommodifying teacher (digital) education. Many practices and discourses of “digital education” nourish a wider process of reconfiguration of education into a commodity state, which strongly contrasts with the notion of education as a collective public good. Technology giants are reshaping the very nature of schooling on a vast scale. Through their philanthropic presence in schools, they are influencing the subjects teachers teach, the tools they use, and the learning models they adopt. How can teacher education and training about educational technology and/or media literacy critically approach the commodification of school education?

Digital technology and equity for inclusive teaching. Developments in the area of Information and Communication Technologies (ICT) do not necessarily correspond to an increase of access, participation and learning. Data on the impact of ICT on social inclusion in a large sense are still controversial. However, some positive results have been found on the use of digital technologies to design inclusive teaching, especially when it is combined with approaches to design inspired by principles such as Universal Design for Learning. How to prepare future and in-service teachers to design digital inclusive teaching? What impact may teacher education about digital technology have on teachers’ capacity to design learning for all?

4 - Conference programme

The Conference programme (<https://www.ateespring2020.education/programme/>) was specifically designed for an online event to allow the smoothest participation and presentation from the authors and also the make possible a virtual mobility among the different sessions. The synopsis of the program is reported in the next page, while the full program is attached, as an annex to this report and available also on the project web site (<https://www.ateespring2020.education/conference-schedule/>).

The Conference was organized with an **Opening Session**, three **Parallel Sessions** devoted to the sub-themes of the Conference and the Symposia, and a **Closing Session**. The sessions were alternated with **Keynote Speeches**, given by renowned international experts in the domain.

The **Opening Session** started with the Welcome by the chair of the Conference, Prof. Maria Ranieri, followed by some shorts addressed of Prof. Ersilia Menesini (Vice President for Teaching,



Students Guidance and Services), Prof. Davide Parmigiani (President of ATEE), Pier Giuseppe Rossi (Past President SIREM, University of Macerata), Dr. Maria Chiara Pettenati (Research Director, INDIRE) and concluded by Dr. Ronny Smet (RDC Coordinator, ATEE). This session ended with the first **Keynote Speech** “*Exploring controversial issues in the classroom*” by Prof. Renee Hobbs (University of Rhode Island, USA) available at <https://www.youtube.com/watch?v=IINDWvG9kpE>.

The **Parallel Sessions** included the presentation of the selected abstracts submitted for the Conference. The abstracts have been submitted under three main categories reflecting the three themes of ATEE Conference:



- Teaching critical media/digital literacy in multicultural societies;
- Decommodifying teacher (digital) education;
- Digital technology and equity for inclusive teaching.

The Parallel sessions were organized in five parallel rooms and in one room for the *Symposia*. Each session (approx.- 60-80 minutes) was chaired by a different internationally renowned researcher.


At the beginning of the second day the second **Keynote Speech** was given *Teachers Training in Anthropocene between sustainability and equity. “The human epoch”* by Dr. Maria Chiara Pettenati (Research Director, INDIRE) available at <https://youtu.be/anv7GkJ-PzM>.

The **Closing Session** included the third **Keynote Speech**: “*Critical media education and social justice in a time of technologised misinformation*” by Prof. Shakuntala Banaji - London School of Economics and Political Science (UK) (<https://youtu.be/-y9HiSI15ws>) and a speech of Prof. V. Boffo (Director of the Department of Education, Languages, Interculture, Literatures and Psychology) The farewell from Prof. M. Ranieri and Prof. D. Parmigiani closed the Conference.



ATEE CONFERENCE 2020/2021



28 October

Morning Session

ROOM PLENARY

11.00 Welcome and Opening Session

12.00 Keynote Speech 1

12.45 Closing of the session

Afternoon Session

ROOM 1

ROOM 2

ROOM 3

ROOM 4

ROOM 5

[DEC_A]

[TEA_A]

[DIG_A]

[DIG_B]

[SYM_A]

14.00 Decommodifying teacher (digital) education Teaching critical media/digital literacy in multicultural societies Digital technology and equity for inclusive teaching Digital technology and equity for inclusive teaching Symposium

Break

[DEC_B]

[TEA_B]

[DIG_C]

[DIG_D]

[SYM_B]

15.50 Decommodifying teacher (digital) education Teaching critical media/digital literacy in multicultural societies Digital technology and equity for inclusive teaching Digital technology and equity for inclusive teaching Symposium

Closing of the session

29 October

Morning Session

ROOM PLENARY

09.30 Keynote Speech 2

10.15 Break

ROOM 1

ROOM 2

ROOM 3

ROOM 4

ROOM 5

[DEC_C]

[TEA_C]

[DIG_E]

[DIG_F]

10.30 Decommodifying teacher (digital) education Teaching critical media/digital literacy in multicultural societies Digital technology and equity for inclusive teaching Digital technology and equity for inclusive teaching

Break

[DEC_D]

[TEA_D]

[DIG_G]

[DIG_H]

12.00 Decommodifying teacher (digital) education Teaching critical media/digital literacy in multicultural societies Digital technology and equity for inclusive teaching Digital technology and equity for inclusive teaching

Closing of the session

Afternoon Session

ROOM 1

ROOM 2

ROOM 3

ROOM 4

ROOM 5

[DEC_E]

[TEA_E]

[DIG_I]

[DIG_J]

14.00 Decommodifying teacher (digital) education Teaching critical media/digital literacy in multicultural societies Digital technology and equity for inclusive teaching Digital technology and equity for inclusive teaching

Break

ROOM PLENARY

16.30 Keynote Speech 3

17.15 Closing of the Conference

17.30 Farewell

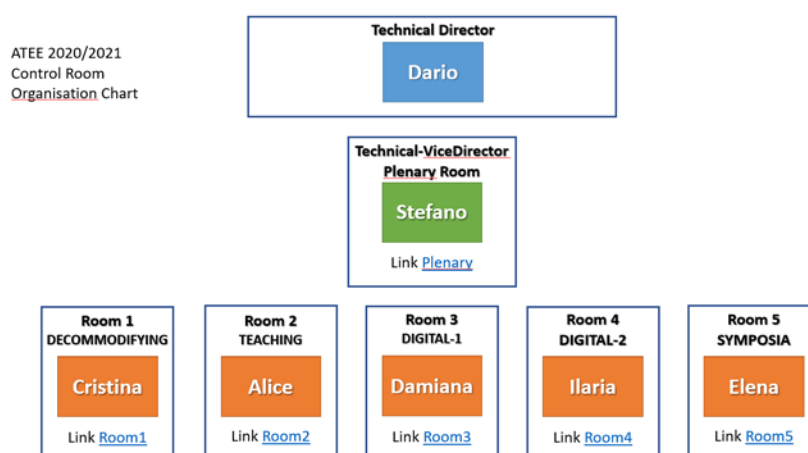


5 – Conference organisation

The initial planning was to hold the Conference in presence but as explained in the Section 1, after a first postponement and the resurgence of the pandemic worldwide, it was decided to move the event online. This caused a substantial overload for the Organising Committee since the lockdown in Italy was decided in March when most of the preliminary work (i.e. selection of abstracts, definition of the locations for the conference, agreements for the social events) was already concluded. Actually, the rescheduling of the conference led to redesign all the activities from the beginning.

At this end the web site (<https://www.ateespring2020.education/>), that was originally planned mainly as a communication tool had to be redesigned as the digital platform for all the interactions with the authors and the attendance. A part of the web site was developed on purpose for collecting all the contributions and to interact with the old and new authors, while the Organising Committee was upgraded and enlarged for establishing a continuous interaction for the authors until the end of the event.

To allow an effective and smooth implementation of the online Conference a Technical Director with a long-term experience in online events was hired for preparing and running, under the supervision of the Chair of the Organising Committee the event and a Zoom environment was set-up for the duration of the Conference. The organization chart of the Control Room, used for the Conference is reported hereafter when we can see that, in addition to the Technical Director each session was supervised by a steward that oversaw any technical issue and for the assistance to the Chairs and presented of each session.





Also, to minimize any possible technical issues, test sessions were organized with the presenters and the chairs in the days before the conference and all the presentations were collected and organized as a backup in case of problems in giving the presentations. The organization of the Conference was also shared and agreed with the ATEE Academic Committee.

The Keynote speeches, with the agreement of the speakers, were recorded and are available on the project website (<https://www.ateespring2020.education/keynote-speeches/>)

6 – Scientific Contributions

In the two phases of the collection of scientific contributions **160 abstracts** were submitted, peer-reviewed and then evaluated for the Conference. Due to the organization online of the event, no poster presentation was possible; therefore, we gave all authors the opportunity to present their contributions (15 minutes for each presentation). Furthermore, authors were invited to submit an extended abstract (up to 4 pages) to be included in the Book of Abstracts. The following table shows the number of abstracts submitted and accepted.

Abstracts submitted	Abstracts rejected	Abstracts withdrawn	Presented at the Conference	Included in the Book of Abstracts
160	5	5	84	56



7 – Participants

As mentioned before, despite the abundance of online events in the period (due to the restrictions caused by the pandemic) and a sort of saturation of online interactions the Conference has had a good success in terms of attendance.

More than 100 persons registered to the Conference, including the Keynote Speakers, the Chairs and the Presenters, and also many students from the University of Florence were admitted to the plenary sessions. While, as expected, most of the attendance was from Italy, also many presenters from other countries (i.e. Norway, Spain, Croatia, The Netherlands, Turkey, Denmark, Ireland, France, Israel, Latvia and USA) registered to the Conference presenting their works.

The logs from the ZOOM platform show about 1.000 active accesses in the days of the Conference moving from the Plenary Room to the parallel sessions.

8 – Book of Abstracts

As mentioned before, the authors had the chance to publish their extended abstracts in the “Book of Abstracts”.

This latter has been published by the “Firenze University Press” including **56 contributions** on the three themes of the Conference, namely:

- THEME 1 - Teaching critical media/digital literacy in multicultural societies: **17 contributions**
- THEME 2 - Decommodifying teacher (digital) education: **13 contributions**
- THEME 3 - Digital technology and equity for inclusive teaching. **26 contributions**

The cover of the book (DOI 10.36253/978-88-5518-412-0) is shown below:



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The full version of the Book of Abstracts is available, free of charge at the following link:

<https://books.fupress.com/catalogue/atee-spring-conference-2020-2021/732>

and from the homepage of the project web-site.

9 - Conference Proceedings

The authors, whose abstracts were accepted, were also given the chance to write a full paper (up to 10 pages) undergoing a peer-review process to be published, free of charge, in the Springer Communications in Computer and Information Science (CCIS) series. **49 papers** have been submitted and, to review them, more than **110 reviewers** from several countries have been involved in a long process to satisfy the highest quality standard imposed by Springer, this review process is about to be finalized and will lead to the selection of the best **17 papers** (35% out of the total) for the publication.

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10 – Final remarks

The ATEE Spring Conference 2020-2021 had to cope with the unforeseeable emergency caused by the COVID-19 pandemic and its effects that yet must completely reabsorbed. Indeed, since the lockdown in Italy, and all over the world, was decided when most of the preparatory activities were already completed, the organizing efforts have been doubled and the switch from the “traditional” in presence event to an online one implied a complete rethinking not only of the organization but also of the global approach, towards the authors and the general attendance to ensure the success of the Conference.

The Scientific Committee, the Organising Committee and the Editorial Board were called to an unexpected effort, but nothing could have been done without the passionate commitment of all the persons from the University of Florence.



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ANNEX 1

Program of the Conference

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ATEE Spring Conference 2020/2021

Social justice media and technology in teacher education

Florence, ITALY

28th - 29th October 2021

All times are CEST (Italian Time)

Conference program

Note: the Conference will be held online on ZOOM platform. The links will be circulated among the registered participants. To register as a listener:

<https://www.ateespring2020.education/congress-fees/>



ATEE CONFERENCE 2020/2021



	28 October				
	Morning Session				
	ROOM PLENARY				
11.00	Welcome and Opening Session				
12.00	Keynote Speech 1				
12.45	Closing of the session				
	Afternoon Session				
	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
14.00	[DEC_A]	[TEA_A]	[DIG_A]	[DIG_B]	[SYM_A]
	Decommodifying teacher (digital) education	Teaching critical media/digital literacy in multicultural societies	Digital technology and equity for inclusive teaching	Digital technology and equity for inclusive teaching	Symposium
15.40	Break				
15.50	[DEC_B]	[TEA_B]	[DIG_C]	[DIG_D]	[SYM_B]
	Decommodifying teacher (digital) education	Teaching critical media/digital literacy in multicultural societies	Digital technology and equity for inclusive teaching	Digital technology and equity for inclusive teaching	Symposium
17.30	Closing of the session				
	29 October				
	Morning Session				
	ROOM PLENARY				
09.30	Keynote Speech 2				
10.15	Break				
	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
10.30	[DEC_C]	[TEA_C]	[DIG_E]	[DIG_F]	
	Decommodifying teacher (digital) education	Teaching critical media/digital literacy in multicultural societies	Digital technology and equity for inclusive teaching	Digital technology and equity for inclusive teaching	
11.50	Break				
12.00	[DEC_D]	[TEA_D]	[DIG_G]	[DIG_H]	
	Decommodifying teacher (digital) education	Teaching critical media/digital literacy in multicultural societies	Digital technology and equity for inclusive teaching	Digital technology and equity for inclusive teaching	
13.00	Closing of the session				
	Afternoon Session				
	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
14.00	[DEC_E]	[TEA_E]	[DIG_I]	[DIG_J]	
	Decommodifying teacher (digital) education	Teaching critical media/digital literacy in multicultural societies	Digital technology and equity for inclusive teaching	Digital technology and equity for inclusive teaching	
16.00	Break				
	ROOM PLENARY				
16.30	Keynote Speech 3				
17.15	Closing of the Conference				
17.30	Farewell				

Thursday, 28th October 2021

PLENARY ROOM

h11:00 - 12:00	Welcome and Opening Session
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- Prof. Maria Ranieri - University of Florence (ITALY)
Chair of the Conference
- Prof. Alessandra Petrucci - Rector of the University of Florence (ITALY)
- Prof. Nicholas Brownlees - University of Florence (ITALY)
Vice-Director of the Department of Education, Languages, Interculture, Literatures and Psychology
- Prof. Davide Parmigiani - President of ATEE (BELGIUM)
- Prof. Pier Cesare Rivoltella - President of SIREM (ITALY)
- Dr. Maria Chiara Pettenati - INDIRE (ITALY)
Research Director
- Dr. Ronny Smet - ATEE (BELGIUM)
RDC Coordinator

h 12:00 - 12:45	Keynote Speech
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Chair: Prof. Gianna Cappello (University of Palermo - MED)

Prof. Renee Hobbs - University of Rhode Island (USA)

Exploring controversial issues in the classroom

Educators are themselves citizens who express and share political views as part of their personal identity. They may care deeply about issues including climate change, immigration/migration, growing economic inequality, health and wellness, racism, sexism and other forms of discrimination, or other topics of concern. But in the classroom, some educators do not feel confident or comfortable exploring controversial issues with students, while others make clear their particular positions on political issues without necessarily reflecting on the inequality in power relationships that may silence their students. The practice of critical media analysis and reflection help teachers navigate both the opportunities and the challenges of exploring contemporary controversies in the classroom. Teachers benefit greatly from safe and structured opportunities to talk about the ethical and moral implications of their decisions to address or ignore controversial issues in the classroom.

Questions and Answers

h 12:45 - 13:00	Closing of the session
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h 13:00 - 14:00	Break
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h 14:00 - 17:30	Parallel Sessions <i>(see details in the Annex)</i>
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Room 1 - Decommodifying teacher (digital) education

Room 2 - Teaching critical media/digital literacy in multicultural societies

Room 3 - Digital technology and equity for inclusive teaching

Room 4 - Digital technology and equity for inclusive teaching

Room 5 - Symposia

h 17:30	Closing of the session
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Friday, 29th October 2021

PLENARY ROOM

h 09:30- 10:15	Keynote Speech
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Chair: Pier Giuseppe Rossi (University of Macerata - Past President SIREM)

Dr. Maria Chiara Pettenati - INDIRE (ITALY)

Teachers Training in Anthropocene between sustainability and equity

“The human epoch”

Education, together with digital revolution, is considered one of the six transformative challenges for a sustainable future, according to an authoritative study published in 2019 in Nature Sustainability. If the age we live in, is now defined as Anthropocene because of the extreme transformations that humanity has produced on planet Earth, what does make sense to ask (and give) to teacher training to direct the future towards a Safe and Fair Operating Space? Reflections after monitoring the three-years national CPD experience in Italy.

Questions and Answers



h 10:15 - 10:30	Break
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h 10:30 - 13:00	Parallel Sessions <i>(see details in the Annex)</i>
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Room 1 - Decommodifying teacher (digital) education

Room 2 - Teaching critical media/digital literacy in multicultural societies

Room 3 - Digital technology and equity for inclusive teaching

Room 4 - Digital technology and equity for inclusive teaching

h 13:00 - 14:00	Break
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h 14:00 - 16:00	Parallel Sessions <i>(see details in the Annex)</i>
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Room 1 - Decommodifying teacher (digital) education

Room 2 - Teaching critical media/digital literacy in multicultural societies

Room 3 - Digital technology and equity for inclusive teaching

Room 4 - Digital technology and equity for inclusive teaching

h 16:00 - 16:30	Break
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h 1630 - 17:15	Keynote Speech
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Chair: Prof. Davide Parmigiani - ATEE (Belgium)

Prof. Shakuntala Banaji - London School of Economics and Political Science (UK)

***Critical media education and social justice in a time
of technologised misinformation***

In much academic and policy literature on politics, participation, and media, young people across the world are enjoined to engage in activities thought good for them in order to qualify for the moral label “good citizens”. However, as the spread of hate propaganda around Muslims and migrants and the domestication of new technologies is implicated in events such as discriminatory misinformation, murderous mobs, mass shootings or movements against climate change and gender violence, questions abound about the ways in which media might affect teachers’ ability to relate to, learn from and build young people’s social media imaginaries with regard to justice. In this presentation, I will outline the visual research methods which teachers and educators can draw on in building a plausible case about the role of contemporary media texts in the social justice politics of different cultural contexts. With a particular commentary on the rise of fascism in India, I will explore the methodological challenges of “intertextuality” for social justice oriented civic learning.

Questions and Answers



h 17:15 - 17:30	Closing of the conference
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- Prof. Vanna Boffo
University of Florence (ITALY)

h 17:30	Farewell
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Prof. Maria Ranieri
Chair of the Conference - University of Florence (ITALY)

Prof. Davide Parmigiani
President of ATEE (BELGIUM)

Details of the parallel sessions

ROOM 1

Decommodifying teacher (digital) education

28 October 2021

Afternoon Session

[DEC_A]

CHAIR: *Vanna Boffo - University of Florence*

14:00-14:20 **Neoliberalism commodifying teacher education programs and their websites**
Manu Sharma, *Thompson Rivers University* - Doron Yosef-Hassidim, *Thompson Rivers University*

PRESENTER: Manu Sharma

14:20-14:40 **Analytic philosophy for a decommodified teacher training to coding**
Margherita Di Stasio, *INDIRE* - Beatrice Donati - *University of Florence* - Matteo Bianchini, *Scuola-Città Pestalozzi*

PRESENTER: Margherita Di Stasio

14:40-15:00 **Increased legalisation and reconfiguration of education into an instrumental commodity state? New challenges and growing demands on Nordic teacher education in the digital age**

Eyvind Elstad, *University of Oslo*

PRESENTER: Eyvind Elstad

15:00-15:20 **A manifesto for makerspace in schools to face world complexity**
Giovanni Nulli, *INDIRE* - Lorenzo Guasti, *INDIRE*

PRESENTER: Giovanni Nulli

[DEC_B]

CHAIR: *Muzeyyen Nazli Gungor - Gazi University, Turkey*

15:50-16:10 **Teachers and digital didactics: integrated technological platforms to co-design didactic pathways**

Chiara Panciroli, *University of Bologna* - Anita Macaudo, *University of Bologna*

PRESENTER: Chiara Panciroli

- 16:10-16:30 **Training the trainers: search tools in the classroom**
Emiliana Murgia, *Università di Milano Bicocca* - Theo Huibers, *University of Twente* - Maria Soledad Pera, *Boise State University* - Monica Landoni, *Università della Svizzera Italiana*
PRESENTER: Emiliana Murgia
- 16:30-16:50 **First year university students' digital competence self-perception**
Anna Sanchez-Caballe, *Universidad Isabel I* - Mercè Gisbert-Cervera, *Universitat Rovira i Virgili* - Francesc Esteve-Mon, *Universitat Jaume I*
PRESENTER: Anna Sanchez-Caballe
- 16:50-17:10 **A mandatory upgrade for Wisconsin teachers: an online course on indigenous people**
Manu Sharma, *Thompson Rivers University*
PRESENTER: Manu Sharma
- 17:10-17:30 **Italian High School and the "Digital Schizophrenia" between Laws and Didactic Practice**
Gloria Larini, *Upper Secondary School teacher-MIUR*
PRESENTER: Gloria Larini

29 October 2021

Morning Session

[DEC_C]

CHAIR: John Paul Mynott - *University of Aberdeen*

- 10:30-10:50 **Videos in the ICTMOOC as resources for learning and development of teacher transformative digital agency**
Irina Engeness, *Østfold University College* - Magnus Nohr, *Østfold University College* - Ammar Bahadur Singh, *Østfold University College* - Anders Mørch, *University of Oslo*
PRESENTER: Irina Engeness
- 10:50-11:10 **Teachers' experiences of developing professional digital competence by participating at teachmeets**
Stine Brynildsen, *Østfold University College* - Ilka Nagel, *Østfold University College* - Irina Engeness, *Østfold University College*
PRESENTER: Stine Brynildsen
- 11:10-11:30 **Dialectical method and theatre for the training of teachers on citizenship education**
Francesco Fabbro, *INVALSI* - Colin Isham, *Community Skills and Knowledge Network CIC*
PRESENTER: Francesco Fabbro



- 11:30-11:50 **Improving pre-service teachers' feedback literacy. hints from a digital "Assessments As Learning" experience**
 Alessia Bevilacqua, *University of Verona* - Claudio Girelli, *University of Verona*
PRESENTER: Alessia Bevilacqua

[DEC_D]

CHAIR: Filippo Bruni - *University of Molise*

- 12:00-12:20 **Digital learning culture at school: how to promote it without using technology in the classroom**
 Laura Carlotta Foschi, *University of Padova* - Graziano Cecchinato, *University of Padova*
PRESENTER: Graziano Cecchinato
- 12:20-12:40 **Student teachers' pedagogical reasoning for effective technology integration**
 Ottavia Trevisan, *University of Padova* - Marina De rossi, *University of Padova*
PRESENTER: Ottavia Trevisan
- 12:40-13:00 **Quality culture and knowledge management: learning analytics to improve education and training services.**
 Giovanna Del Gobbo, *University of Florence* - Glenda Galeotti, *University of Florence*
PRESENTER: Giovanna Del Gobbo

Afternoon Session

[DEC_E]

CHAIR: Francesca Bracci - *University of Florence*

- 14:00-14:20 **Challenges of students' art education in digital environment at the faculties of teacher education in croatia**
 Svetlana Novakovic, *University of Zagreb* - Jelena Blaskivuc, *University of Zagreb* - Zlata Tomljenovic, *University of Rijeka*
PRESENTER: Jelena Blaskivuc
- 14:20-14:40 **Developing professional digital competence in collaborative partnerships between teachers and teacher educators**
 Stine Brynildsen, *Østfold University College* - Halvdan Haugsbakken, *Østfold University College* - Susanne Kjekshus Koch, *Østfold University College*
PRESENTER: Halvdan Haugsbakken
- 14:40-15:00 **New perspectives on digital education and challenges of parents during online learning of children in the pandemic period**
 Rita Loloci, *University of "Aleksander Moisiu"*
PRESENTER: Rita Loloci



15:00-15:20 **The Bridge Across, Not Over the Digital “Stream”: A Critical Digital Media Course for Pre-service Teachers**
Pinar Ayyildiz, *Ankara Medipol University*
PRESENTER: Pinar Ayyildiz

ROOM 2

Teaching critical media/digital literacy in multicultural societies

28 October 2021

Afternoon Session

[TEA_A]

CHAIR: Chiara Pancioli - University of Bologna

- 14:00-14:20 **Preparing preservice teachers to use historical online primary sources.
Training paths to develop critical skills**
Stefania Carioli, *University of Florence*
PRESENTER: Stefania Carioli
- 14:20-14:40 **Not just fun and games: the status-quo of commercial games in teaching**
Ida Kathrine Hammeleff Jorgensen, *IT University of Copenhagen* - Michael S. Debus,
Royal Danish Academy
PRESENTER: Ida Kathrine
- 14:40-15:00 **Training on digital and media literacy: adaptation of an online course for in-
service teachers**
Isabella Bruni, *University of Florence* - Maria Ranieri, *University of Florence* - Martha
Kashny Borges, *UDESC*
PRESENTER: Isabella Bruni
- 15:00-15:20 **Inclusive computing for digital humanities**
Francesco Maiorana, *University of Urbino*
PRESENTER: Francesco Maiorana

[TEA_B]

CHAIR: Loredana Perla - University of Bari

- 15:50-16:10 **Digital contexts mediated communication between teachers and parents: a
transversal research in a multicultural school.**
Alessandro Soriani, *University of Bologna* - Elena Pacetti, *University of Bologna*
PRESENTER: Alessandro Soriani
- 16:10-16:30 **Digital history, teaching and social inclusion in the United States experience**
Monica Dati, *University of Florence*
PRESENTER: Monica Dati



- 16:30-16:50 **Learning and teaching critical skills: an introduction to the common framework of reference for intercultural digital literacies (CFRIDIL)**
 Ilaria Moschini, *University of Firenze* - Sandra Petroni, *University of Roma "Tor Vergata"*
PRESENTER: Ilaria Moschini, Sandra Petroni
- 16:50-17:10 **Educating digital competence in early childhood a possible model of action**
 Maria Grazia Simone, *Università eCampus*
PRESENTER: Maria Grazia Simone

29 October 2021

Morning Session

[TEA_C]

CHAIR: Lorella Giannandrea - *University of Macerata*

- 10:30-10:50 **Digcomp as a theoretical framework for media education - issues and implications**
 Andrea Garavaglia, *University of Milano* - Livia Petti, *University of Studi del Molise* - Serena Triacca, *Università Cattolica del Sacro Cuore di Milano*
PRESENTER: Andrea Garavaglia
- 10:50-11:10 **Digital competence and critical thinking in the citizenship education. Results of a national investigation and didactic perspectives**
 Loredana Perla, *University of Bari Aldo Moro* - Laura Sara Agrati, *University of Bergamo* - Viviana Vinci, *Mediterranea University of Reggio Calabria* - Alessia Scarinci, *University of Bari Aldo Moro*
PRESENTER: Loredana Perla
- 11:10-11:30 **Utilising a shared critical media literacy intervention to challenge stereotypical representations of minorities in the classroom in the Republic of Ireland and Northern Ireland**
 Maria Campbell, *St. Angela's College, Ireland*
PRESENTER: Maria Campbell
- 11:30-11:50 **Digital storytelling, video making and media education: an experience of university teaching**
 Filippo Bruni, *University of Molise*
PRESENTER: Filippo Bruni



[TEA_D]

CHAIR: *Giovanni Bonaiuti - University of Cagliari*

12:00-12:20 **Virtual exchange in teacher education: new challenges to address social injustice and foster gender equality**
 Roberta Trapè, *University of Melbourne*
PRESENTER: Roberta Trapè

12:20-12:40 **About university teachers' transmedia profile**
 Anna Sanchez-Caballe, *Universitat Isabel I* - Juan Gonzalez-Martinez, *Universitat de Girona*
PRESENTER: Anna Sanchez-Caballe

12:40-13:00 **Who are you, online teacher-students?**
 Smadar Bar-Tal, *Levinsky College of Education*
PRESENTER: Smadar Bar-Tal

Afternoon Session

[TEA_E]

CHAIR: *Anna Dipace - University of Foggia*

14:00-14:20 **Developing computational thinking among preservice teachers**
 Marta Peracaula-Bosch, *Universitat de Girona* - Juan Gonzalez-Martinez, *Universitat de Girona*
PRESENTER: Marta Peracaula-Bosch

14:20-14:40 **Pleiade: A Playful and Participatory Approach to Teacher Professional Development on Social Inclusion**
 Donatella Persico, *ITD-CNR* - Marcello Passarelli, *ITD-CNR* - Francesca Dagnino, *ITD-CNR* - Flavio Manganello, *ITD-CNR* - Francesca Pozzi, *ITD-CNR* - Andrea Ceregini, *ITD-CNR*
PRESENTER: Donatella Persico

14:40-15:00 **Digital artifacts as cultural machines: for an intersectional critical analysis of the relationship between power and technology. A research-action project at the degree course in primary education sciences at Roma Tre university.**
 Martina De Castro, *Roma Tre University* - Umberto Zona, *Roma Tre University* - Fabio Bocci, *Roma Tre University*
PRESENTER: Martina De Castro



- 15:00-15:20 **Perceptions towards Online Learning among Ultra-Orthodox Teacher Education Students**
 Rivka Gadot, *University of Tel Aviv* - Alona Forkosh Baruch, *University of Tel Aviv*
PRESENTER: Alona Forkosh Baruch
- 15:20-15:40 **From predictive algorithms to eudaimonia. A critical review on legal, ethical, and pedagogical issues in educational data science.**
 Cavicchioli Claudia, *Université Paris 1 Panthéon-Sorbonne* - Menichetti Laura, *University of Florence*
PRESENTER: Cavicchioli Claudia
- 15:40-16:00 **Art and citizenship: intercultural and civic soft skills in the school projects of the triennial plan of arts**
 Taddeo Gabriella, *INDIRE* - Rosa Alessia, *INDIRE*
PRESENTER: Rosa Alessia

ROOM 3

Digital technology and equity for inclusive teaching

28 October 2021

Afternoon Session

[DIG_A]

CHAIR: *Paolo Raviolo - eCampus*

- 14:00-14:20 **Digital dilemmas: using vignettes to explore design issues for inclusive digital learning**
Stephanie Thomson, *University of Aberdeen* - Susanne Huber, *Seminare für Ausbildung und Fortbildung der Lehrkräfte* - Sarah Cornelius, *University of Aberdeen* - Melanie Schwartz, *Seminare für Ausbildung und Fortbildung der Lehrkräfte* - Mhairi Beaton, *Leeds Beckett University*
PRESENTER: Stephanie Thomson
- 14:20-14:40 **Innovative approaches for the inclusion of each and every one**
Filippo Dettori, *University of Sassari* - Barbara Letteri, *University of Sassari*
PRESENTER: Barbara Letteri
- 14:40-15:00 **Reading comprehension and technologies for students with deafness**
Cristina Gaggioli, *University of Florence* - Moira Sannipoli, *University of Perugia*
PRESENTER: Cristina Gaggioli, Moira Sannipoli
- 15:00-15:20 **Using SPOC to improve teacher students' basic digital skills**
Marianne Hagelia, *Østfold University College*
PRESENTER: Marianne Hagelia

[DIG_C]

CHAIR: *Donatella Persico - ITD-CNR*

- 15:50-16:10 **From digital technology in teachers' education to PON projects in schools**
Annalisa Vio - *Med / Ministry of Education*
PRESENTER: Annalisa Vio
- 16:10-16:30 **Learning through information technology in elementary school, city of Durres**
Rita Loloci, *Aleksander Moisiu University* - Ervjola Ismolli, *Aleksander Moisiu University*
PRESENTER: Rita Loloci



16:30-16:50 **A learning design framework infused by UDL to develop coding activities for initial teacher education**

Barbara Bruschi, *University of Turin* - Manuela Repetto, *University of Turin*

PRESENTER: Manuela Repetto

16:50-17:10 **Moving forwards: using search tools on the classroom**

Emiliana Murgia, *University of Milano Bicocca*

PRESENTER: Emiliana Murgia

29 October 2021

Morning Session

[DIG_E]

CHAIR: Maurizio Sibilio - *University of Salerno*

10:30-10:50 **Social4school: educating on awareness in online social networks**

Livio Bioglio, *University of Torino* - Sara Capecchi, *University of Torino* - Aurelia De Lorenzo, *University of Torino* - Valentina Di Noi, *University of Torino* - Gian Manuel Marino, *University of Torino* - Ruggero G. Pensa, *University of Torino* - Michele Settanni, *University of Torino* - Simona Tirocchi, *University of Torino* - Giulia Venturini, *University of Torino*

PRESENTER: Sara Capecchi

10:50-11:10 **Technology-enhanced learning as a driver of inclusive approaches: a cross-case analysis of teacher training programmes**

Laura Fedeli, *University of Macerata*

PRESENTER: Laura Fedeli

11:10-11:30 **Representations of persons with disabilities in Norwegian textbooks for primary school - contribution to an inclusive school?**

Marte Herrebroden, *Østfold University College* - Magne Skibsted Jensen, *Østfold University College* - Rune Andreassen, *Østfold University College*

PRESENTER: Marte Herrebroden, Magne Skibsted Jensen

[DIG_G]

CHAIR: Andrea Garavaglia- *University of Milano*

12:00-12:20 **On the relationship between ethics and simulations in teacher education in Israel**

Amalia Ran, *MOFET Institute*

PRESENTER: Amalia Ran

- 12:20-12:40 **The local context and the curriculum. An identity for the small and rural schools**
Alessandra Anichini, *INDIRE* - Cannella Giuseppina, *INDIRE* - Rudi Bartolini, *INDIRE*
PRESENTER: Alessandra Anichini
- 12:40-13:00 **Can digital education provide an effective bridge between formal and non-formal education? Experiences from teachers and youth workers at the frontline.**
Connie O'Regan, National University of Ireland - Bernadine Brady, National University of Ireland - Cornelia Connolly, National University of Ireland - Cliona Murray, National University of Ireland - Paul Flynn, National University of Ireland - Pat Dolan, National University of Ireland - Gerry Mac Ruairc, National University of Ireland
PRESENTER: Connie O'Regan

Afternoon Session

[DIG_I]

CHAIR: Laura Menichetti - University of Florence

- 14:00-14:20 **The Bridge21 framework for technology-mediated, 21st century teacher professional development: Impact on teachers and implications for equitable, inclusive classrooms**
Aibhín Bray, *Trinity College Dublin* - Jake Rowan Byrne, *Trinity College Dublin* - Brendan Tangney, *Trinity College Dublin* - Elizabeth Oldham, *Trinity College Dublin*
PRESENTER: Aibhín Bray
- 14:20-14:40 **Before and after the lockdown: analysis of the perceptions of a group of students involved in an educational robotics project**
Beatrice Miotti, *INDIRE* - Daniela Bagattini, *INDIRE*
PRESENTER: Beatrice Miotti
- 14:40-15:00 **An advanced-level online course design: preparing culturally responsive teachers for digitally inclusive teaching**
Yaprak Dalat Ward, *Fort Hays State University*
PRESENTER: Yaprak Dalat Ward
- 15:00-15:20 **Applying the bifocal modeling framework in the Italian school system: "making-science" with special needs students**
Tamar Fuhrmann, *Teachers College, Columbia University* - Lorenzo Guasti, *INDIRE* - Jessica Niewint-Gori, *INDIRE* - Livia Macedo, *Teachers College, Columbia University*
PRESENTER: Lorenzo Guasti

ROOM 4

Digital technology and equity for inclusive teaching

28 October 2021

Afternoon Session

[DIG_B]

CHAIR: *Giovanna del Gobbo - University of Florence*

- | | |
|-------------|---|
| 14:00-14:20 | <p>Open or closed questions? A research on the use of student response systems at university
 Giovanni Bonaiuti, <i>University of Cagliari</i> - Stefano Nuvoli, <i>University of Cagliari</i> - Fabio Sorrentino, <i>University of Cagliari</i>
 PRESENTER: Giovanni Bonaiuti</p> |
| 14:20-14:40 | <p>The principle of "powerful knowledge" in high school language curriculum in Latvia.
 Gunita Elksne, <i>University of Latvia</i>
 PRESENTER: Gunita Elksne
 <i>University of Latvia</i></p> |
| 14:40-15:00 | <p>Inclusive designing through educational robotics. A training course for pre-service support teachers
 Francesca Gratani, <i>University of Macerata</i> - Lorella Giannandrea, <i>University of Macerata</i> - Alessandra Renieri, <i>University of Macerata</i>
 PRESENTER: Lorella Giannandrea</p> |
| 15:00-15:20 | <p>Self-assessment of digital competence at the end of university studies: outgoing profile of prospective teachers
 Mirko Susta, <i>University of Perugia</i> - Floriana Falcinelli, <i>University of Perugia</i>
 PRESENTER: Mirko Susta</p> |
| 15:20-15:40 | <p>Barrier-free teaching in higher education: feedback from students and prospective teachers
 Andrea Mangiatordi, <i>University of Milano-Bicocca</i> - Roberta Garbo, <i>University of Milano-Bicocca</i> - Silvia Cristina Negri, <i>University of Milano-Bicocca</i> - Matteo Schianchi, <i>University of Milano-Bicocca</i>
 PRESENTER: Andrea Mangiatordi</p> |



[DIG_D]

CHAIR: *Elena Mosa - INDIRE*

- 15:50-16:10 **Teacher awareness experience in an asynchronous online course: from cultural diversity to digital equity**
 Yaprak Dalat Ward, *Fort Hays State University*
PRESENTER: Yaprak Dalat Ward
- 16:10-16:30 **The e-learning training of European teachers for the reception and inclusion of migrant minors the project QUAMMELOT**
 Raffaella Biagioli, *University of Florence* - Maria Grazia Proli, *University of Florence*
PRESENTER: Raffaella Biagioli
- 16:30-16:50 **Pediatric chronic illness and school experience: technologies for promoting hospital - school link**
 Lucrezia Tomberli, *University of Florence* - Andrea Smorti, *University of Florence* - Laura Vagnoli, *Meyer Children's Hospital* - Elena Amore, *Meyer Children's Hospital* - Francesca Maffei, *Meyer Children's Hospital* - Enrica Ciucci, *University of Florence*
PRESENTER: Lucrezia Tomberli
- 16:50-17:10 **Scientix teacher ambassadors: a passionate and creative professional community linking research and practice**
 Francesco Maiorana, *University of Urbino*
PRESENTER: Francesco Maiorana
- 17:10-17:30 **Theoretical framework of entrepreneurship competencies in teacher candidates' education.**
 Agnese Slisane, *University of Latvia*
PRESENTER: Agnese Slisane

29 October 2021

Morning Session

[DIG_F]

CHAIR: *Daniela Frison - University of Florence*

- 10:30-10:50 **Non-believers in school: beyond the social stigma with media education and critical thinking**
 Gianfranco Bandini, *University of Florence*
PRESENTER: Gianfranco Bandini

10:50-11:10 **Teaching with digital conceptual maps for the development of inclusive processes**
Chiara Panciroli, *University of Bologna* - Anita Macaudo, *University of Bologna* - Laura Corazza, *University of Bologna* - Elena Marcato, *Istituto Comprensivo n. 9 di Bologna*
PRESENTER: Chiara Panciroli

11:10-11:30 **Immersive learning for inclusion: Minecraft at school**
Lapo Rossi, *INDIRE* - Massimiliano Naldini, *INDIRE* - Andrea Nardi, *INDIRE* - Andrea Benassi, *INDIRE* - M. Elisabetta Cigognini, *INDIRE*
PRESENTER: Andrea Benassi

[DIG_H]

CHAIR: *Gianfranco Bandini - University of Florence*

12:00-12:20 **Toward a broader concept of risky play: methods and tools to encourage risk-taking in ECEC and primary school context**
Daniela Frison, *University of Florence* - Laura Menichetti, *University of Florence*
PRESENTER: Daniela Frison

12:20-12:40 **Build to learn. Learning by doing and Teamwork for an inclusive educational methodology.**
Margherita Maria Sacco, *University of Torino*
PRESENTER: Margherita Maria Sacco

12:40-13:00 **Making sense of collaborative learning practices in the ICTPED MOOC**
Ammar Bahadur Singh, *Østfold University College*
PRESENTER: Ammar Bahadur Singh

Afternoon Session

[DIG_J]

CHAIR: *Marie Huxtable - University of Cumbria*

14:00-14:20 **Teacher's thinking about sensory impairments and technologies: an exploratory study within a specialisation course**
Viviana Vinci, *Mediterranea University of Reggio Calabria*
PRESENTER: Viviana Vinci

14:20-14:40 **Strategies for integrating students with disabilities in presence and distance learning**
Natasha Poroçani, *University of Durres* - Manjola Lumani Zaçellari, *University of Durres*
PRESENTER: Natasha Poroçani



- 14:40-15:00 **The digital competence of future support teachers for inclusion. An exploratory survey**
Margherita Musello, *Università Suor Orsola Benincasa* - Daniela Manno, *Università Suor Orsola Benincasa* - Anna Mancinelli, *Università Suor Orsola Benincasa*
PRESENTER: Anna Mancinelli
- 15:00-15:20 **Educational technologies, social and emotional learning and school inclusion: challenges and opportunities**
Alessia Signorelli, *University of Perugia*
PRESENTER: Alessia Signorelli



ROOM 5

SYMPOSIA

28 October 2021

Afternoon Session

[SYM_A]

14:00 - 15:30 **DIGITAL TECHNOLOGY, SOCIAL JUSTICE AND THE COMMODIFICATION OF EDUCATION**

Gianna Cappello - *Università di Palermo*

Maria Ranieri - *University of Florence*

Juliana Elisa Raffaghelli - *Open University of Catalunya*

Elena Gabbi - *University of Florence*

[SYM_B]

16:00-17:30 **INNOVATION AND INCLUSION: APPROACHES AND PRACTICES OF THE AVANGUARDIE EDUCATIVE MOVEMENT**

Elisabetta Mughini - *INDIRE*

Elisabetta Cigognini - *INDIRE*

Michelle Pieri - *INDIRE*

Letizia Cinganotto - *INDIRE*

Silvia Panzavolta - *INDIRE*

Raimonda Morani - *INDIRE*

Massimiliano Naldini - *INDIRE*