INVALSI

CONFERENCE 2026
EVALUATION AND RESEARCH IN EDUCATION

In collaboration with

POLITECNICO MILANO 1863

POLO TERRITORIALE LECCO

CONFERENCE 2026

"Evaluation and Research in Education"

Demetrio Cosola, The Dictation Lesson, 1891*

Lecco, 4 - 6 November 2026

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CONFERENCE 2026
"EVALUATION AND RESEARCH IN EDUCATION"
PROGRAMME

4th November 2026

9.30 a.m. - 10.30 a.m.	**Registration and Welcome coffee**
10.30 a.m. - 11.00 a.m.	**Aula Magna** **Institutional Greetings** Roberto Ricci (President INVALSI) Patrizia Falzetti (Head of the Area of the Evaluation Research, INVALSI) Tommaso Agasisti (Professor of Public Management, Department of Management, Economics and Industrial Engineering SoM Politecnico di Milano School of Management)
11.00 a.m. - 1.00 p.m.	**Aula Magna** **Plenary Session** **Organizer:** INVALSI **Chair:** Patrizia Falzetti (Head of the Area of the Evaluation Research, INVALSI) **Invited Speaker:** Anna Cristina D'Addio (Chief Education Policy, GEM Report – UNESCO), *"Who Counts, What Counts: Measuring Access and Equity on the Countdown to 2030 – Evidence from the 2026 and 2024/5 Global Education Monitoring Reports"* **Chair:** Tommaso Agasisti (Professor of Public Management, Department of Management, Economics and Industrial Engineering SoM Politecnico di Milano School of Management) **Invited Speaker:** Rachel White (Associate Professor, Educational Leadership and Policy – University of Texas at Austin), *"Distinguishing Policy Change from Performance Change in School Accountability Ratings"*
1.00 p.m. - 2.00 p.m.	**Lunch**
2.00 p.m. - 4.00 p.m.	**Parallel Sessions** Aula Magna – Research 1 Session 2 Aula A1.1 – Research 2 Session 3 Aula B0.1 – Research 3 Session 4
4.00 p.m. - 4.30 p.m.	**Coffee Corner**
4.30 p.m. - 6.30 p.m.	**Parallel Sessions** Aula Magna – Research 4 Session 1 Aula A1.1 – Research 5 Session 2 Aula B0.1 – Research 6 Session 5

5th November 2026

8.30 a.m. - 10.30 a.m.	**Parallel Sessions** Aula Magna – Research 7 Session 6 Aula A1.1 – Research 8 Session 8 Aula B0.1 – Research 9 Session 9

10.30 a.m. - 11.00 a.m.	**Coffee Corner**
11.00 a.m. - 1.00 p.m.	**Aula Magna** **Plenary Session** **Organizer:** INVALSI **Chair:** Tommaso Agasisti (Professor of Public Management, Department of Management, Economics and Industrial Engineering SoM Politecnico di Milano School of Management) **Invited Speaker:** Edmund Misson (OECD), *"How can educational research shape policy in a changing world?"* **Chair:** Patrizia Falzetti (Head of the Area of the Evaluation Research, INVALSI) **Invited Speaker:** Julien Grenet (Professor of Economics – Paris School of Economics), *"Education: How to Better Target Public Spending?"*
1.00 p.m. - 2.00 p.m.	**Lunch**
2.00 p.m. - 4.00 p.m.	**Parallel Sessions** Aula Magna – Research 10 Session 16 Aula A1.1 – Research 11 Session 3 Aula B0.1 – Research 12 Session 9
4.00 p.m. - 4.30 p.m.	**Coffee Corner**
4.30 p.m. - 6.30 p.m.	**Parallel Sessions** Aula Magna – Research 13 Session 12 Aula A1.1 – Research 14 Session 15 Aula B0.1 – Research 15 Session 11

6th November 2026

8.30 a.m. - 10.30 a.m.	**Parallel Sessions** Aula Magna – Research 16 Session 8 Aula A1.1 – Research 17 Session 3 Aula B0.1 – Research 18 Session 16
10.30 a.m. - 11.00 a.m.	**Coffee Corner**
11.00 a.m. - 1.00 p.m.	**Parallel Sessions** Aula Magna – Research 19 Session 6 Aula A1.1 – Research 20 Session 10 Aula B0.1 – Research 21 Session 16
1.00 p.m. - 2.00 p.m.	**Lunch**
2.00 p.m. - 4.00 p.m.	**Aula Magna** **Roundtable** *Using data to understand education-to-work transitions and skills alignment* **Chair:** Daniele Vidoni (European Commission, Directorate General for Education, Youth, Culture and Sports) **Speakers:** Federico Biagi (Scientific Officer, European Commission Joint Research Centre) Daniele Checchi (Professor Emeritus, University of Milano)

Roberto Ricci (President INVALSI)
Paolo Sestito (Head of the Planning, Organisation and Budget Department Bank of Italy)

Final Remarks and Acknowledgements

Marco Tarabini (Vice Rector of the Lecco Territorial Campus, Politecnico di Milano)
Roberto Ricci (President INVALSI)
Patrizia Falzetti (Head of the Area of the Evaluation Research, INVALSI)
Tommaso Agasisti (Professor of Public Management,
Department of Management, Economics and Industrial Engineering
SoM Politecnico di Milano School of Management)

PARALLEL SESSIONS PROGRAMME

4th November: 2.00 p.m. - 4.00 p.m.

Aula Magna – Research 1

Session 2. What Makes a School Work? Teachers and School Principals as Key Actors in the Educational System
Organizer: University of Milano-Bicocca
Coordinators: *Gianluca Argentin (University of Milano-Bicocca) - Ivan Blancato (University of Milano-Bicocca)*

Teachers' Territorial Mobility Trajectories: Heterogeneity Across Educational and Professional Pathways
Ivan Blancato (University of Milano-Bicocca)
Iacopo Moreschini (University of Milano-Bicocca)

Measuring Teacher Self-Efficacy Across School Levels: Validation of a Multidimensional Scale in the Italian Context
Paolo Guandalini (University of Trento)
Iacopo Moreschini (University of Milano-Bicocca)

Teacher Voice, Student Engagement and School Effectiveness: Evidence from Two Exploratory Surveys
Sebastiana Fisicaro (Universiy of Cordoba)

Leading Through Technology: The Role of School Principals' Digital Leadership in Shaping Educational Efficiency
Mara Soncin (Politecnico di Milano)
Tommaso Agasisti (Politecnico di Milano)

Better Environment, Better Teaching: The Power of Teacher Networks
Teodora Uberti (Università Cattolica del Sacro Cuore)
Giulietta Zanga (University of Milano "La Statale")

Aula A1.1 – Research 2

Session 3. International large-scale assessments (ILSAs) methods and results
Organizer: University of Bath
Coordinators: *Maria Magdalena Isac (University of Bath) - Andres Sandoval Hernandez (University of Bath)*

From Environmental Topics to Classroom Practice: Action-Based Instruction and Environmental Knowledge in TIMSS 2023 Grade 4 Italy
Giada Viotti (University of Roma Tre)
Inés García-Bohórquez (University of Salamanca)
Camilo Ruiz (University of Salamanca)
Laura Palmerio (INVALSI)

Purifying Calibration Samples under Aberrant Responding: A Likelihood-Ratio Approach to Survey Responses in ICCS
David Torres Irribarra (Pontifical Catholic University of Chile)
Camila Echeverría (University of Chile)
Pablo Espinoza (University of Chile)
Diego Carrasco (Pontifical Catholic University of Chile)

Using International Large-scale Assessments to Measure Action Competence and Action Orientation
Adam Coates (University of Bath)

Vertical and Horizontal Inequalities in Students' Educational and Occupational Expectations: A Comparative Analysis of HRSTO Indicator in Spain, Italy, and Portugal based on PISA 2022 Data
Juliana Hartz Rodrigues (University of Roma "La Sapienza")
Enrico Nerli Ballati (ISTAT)

Organisational Conditions and Teachers' Use of Digital Resources and IA in European Schools: The Mediating Role of Teacher Collaboration, Professional Learning, and Self-Efficacy: A Cross-National Analysis Based on TALIS 2024
Angelo Paletta (University of Bologna)
Valentina Liguori (University of Bologna)
Daniele Vidoni (European Commission)

Aula B0.1 – Research 3

Session 4. Measuring and developing social-emotional competencies in schools: Methods, evidence, and policy implications
Organizers: Politecnico di Milano - University of Napoli "Parthenope"
Coordinators: *Gabriele Iannotta (Politecnico di Milano) - Sergio Longobardi (University of Napoli "Parthenope")*

When Perseverance Overcomes Socio-Economic and Cultural Disadvantage: Predictors of Academic Resilience in Italy Using PISA 2022 Data
Paolo Barabanti (INVALSI)

Orchestrating Success: Music Proficiency, Emotional Intelligence and Mental Health in Young Adulthood
Lucia Mangiavacchi (University of Perugia)
Luca Piccoli (University of Trento)
Giulia Gambardella (University of Pavia and University of Milano)

Socio-emotional factors as predictors of Implicit School Dropout. From the conceptual framework to guidelines for primary schools
Eugenia Cognigni (University of Macerata)

Civic Agency in the Diagnosis Phase of Service-Learning Pathways: Evidence from Italian Schooling and Implications for Assessing Social and Emotional Skills
Simone Consegnati (INDIRE)
Patrizia Lotti (INDIRE)

Embedding Socio-Emotional Skills into Everyday Teaching: Preliminary Findings from an Experimental Pilot in an Italian School
Giulia Vaiani (Politecnico di Milano)
Gabriele Iannotta (Politecnico di Milano)
Tommaso Agasisti (Politecnico di Milano)

4th November: 4.30 p.m. - 6.30 p.m.

Aula Magna – Research 4

Session 1. Evaluating the Impact of Education Policies: Counterfactual Approaches and Evidence for Basic Skills Improvement
Organizer: European Commission
Coordinator: *Daniele Vidoni (European Commission, Directorate General for Education, Youth, Culture and Sports)*

The impact of congestion pricing policies on primary school students' performance: individual-level evidence from Milan's Area C
Léonard Moulin (INED)
Valeria Maria Urbano (Politecnico di Milano)
Lorenzo Maraviglia (INVALSI)

The Effect of School Green Policies on Student Outcomes: A Counterfactual Impact Evaluation Using ICCS 2022 Data
Lorenzo Cerullo Bruno (University of Piemonte Orientale)
Daniele Bondonio (University of Piemonte Orientale)
Daniele Vidoni (European Commission)

Indirect effects of grade retention on student achievement
Dalit Contini (University of Torino)
Guido Salza (University of Milano "La Statale")
Benedetta Valpreda (Evaluation Lab del Fondo per la Repubblica Digitale)

Can Teacher Training in Active Learning Reduce the Math Gender Gap? Evidence from a Randomized Controlled Trial in Italy
Dalit Contini (University of Torino)
Maria Laura Di Tommaso (University of Torino and Collegio Carlo Alberto)
Daniela Piazzalunga (University of Trento)
Giulia Savio (University of Torino and Collegio Carlo Alberto)

Evaluating Teacher Professional Development to Improve Spatial Reasoning and Mathematics: Evidence from the Matabì Cluster Randomized Trial
Barbara Romano (Fondazione Agnelli)
Adriana Di Liberto (University of Cagliari)
Ludovica Giua (University of Cagliari)
Giovanni Piumatti (Fondazione Agnelli)

Aula A1.1 – Research 5

Session 2. What Makes a School Work? Teachers and School Principals as Key Actors in the Educational System
Organizers: University of Padova - University of Milano "La Statale"
Coordinators: *Lorenzo Rocco (University of Padova) - Moris Triventi (University of Milano "La Statale")*

Student and residential mobility from Southern Italy to the Centre-North: a comparison over the last ten years
Massimo Attanasio (University of Palermo)
Francesca Licari (ISTAT)
Samuele Longo (University of Palermo)

School Leadership and the Conditions for Effective Schools: Global Evidence from the GEM Report PEER Profiles
Anna Cristina D'Addio (UNESCO)
Daniel April (UNESCO)

Women Leading for Learning: Gender Gaps in School Leadership and Their Consequences for Educational Quality
Anna Cristina D'Addio (UNESCO)

How Are School Track Recommendations Generated? Survey Evidence from Italian Teachers
Giorgio Brunello (University of Padova)
Clementina Crocè (University of Padova)
Pamela Giustinelli (University of Padova)
Lorenzo Rocco (University of Padova)

The Hidden Teacher Effect: Instructional Continuity and Assessment Accuracy A Research Hypothesis on Fifth-Year Classes in Upper Secondary School
Claudia Califano (Ministry of Education and Merit)

Aula B0.1 – Research 6

Session 5. Educational Poverty: Conceptual and Methodological Approaches Through the Integration of Official Statistical Sources
Organizer: ISTAT
Coordinators: *Barbara Baldazzi (ISTAT) - Rina Camporese (ISTAT)*

Evaluating educational poverty in the metropolitan area of Naples: a hierarchical composite indicator approach
Rosaria Romano (University of Napoli Federico II)
Cristina Davino (University of Napoli Federico II)

Urban Deprivation Areas (ADU) as a Territorial Lens on Educational Poverty: Evidence from Milan
Francesco Chiaradia (University of Roma Tre)
Keti Lelo (University of Roma Tre)

Measuring Educational Poverty at Local Level: Adapting the ISTAT Framework to Tuscan Health and Social Care Zones
Silvia Duranti (IRPET)
Maria Luisa Maitino (IRPET)
Letizia Ravagli (IRPET)

Educational Poverty: The Work of the Istat Inter-institutional Scientific Commission
Barbara Baldazzi (ISTAT)
Rina Camporese (ISTAT)
Miria Savioli (ISTAT)
Elisabetta Segre (ISTAT)

Inequalities in Education: An Analysis Based on Well-Being Indicators
Barbara Baldazzi (ISTAT)
Lorenzo Di Biagio (ISTAT)

5th November: 8.30 a.m. - 10.30 a.m.

Aula Magna – Research 7

Session 6. Data Literacy and Data Use in Schools: Emerging Practices, Challenges, and Professional Cultures
Organizers: Fondazione Bruno Kessler – Fondazione per la Scuola
Coordinators: *Davide Azzolini (Fondazione Bruno Kessler) - Veronica Mobilio (Fondazione per la Scuola)*

Investigating Educational Data Literacy Needs in Italian Schools: A Multidimensional, Role-Differentiated Approach from the SCHOOLWISE Needs Assessment
Flavio Manganello (CNR-ITD)
Giancarlo Masi (University of Modena and Reggio Emilia)
Martina Ragusa (CNR-ITD)
Chiara Fante (CNR-ITD)

Data Literacy and Data Use in Schools: Evidence from the DALIS Survey across Five European Education Systems
Sonia Marzadro (FBK-IRVAPP)
Davide Azzolini (FBK-IRVAPP)
Olga Gorodetskaya (FBK-IRVAPP)

Combining Quantitative and Qualitative Evidence to Understand School Improvement in Vulnerable Contexts. Insights from the REVERS-ED Project
Lidia Bordanoba (University of Barcelona)
Dragana Avramov (PSPC)
Maria Rita Mancaniello (University of Firenze)
Tiziana Chiappelli (University of Firenze)

The Perception of Standardized Testing Between Teaching, Accountability, and Emotion: A Longitudinal and Multi-Perspective Analysis at the "Istituto Comprensivo" of Praia
Emilia Ciccia (Ministry of Education and Merit)
Marilena Salsano (Ministry of Education and Merit)

Cross-National Patterns of Teachers' Professional Development and Classroom Assessment Practices: Evidence from TALIS
Francesco Ottaviani (Ministry of Economy and Finance)
Serafina Pastore (University of Bari)

Aula A1.1 – Research 8

Session 8. Evaluating University Pathways in Italy: Integrated Data, Educational Choices, Student Support and Labour Market Transitions
Organizers: University of Piemonte Orientale - University of Bologna
Coordinators: *Carmen Aina (University of Piemonte Orientale) - Giuseppe Pignataro (University of Bologna)*

Linking administrative data on university careers and labour market outcomes to study regional mobility in Italy
Dalit Contini (University of Torino)
Sonia Della Monaca (University of Torino)
Noemi Ferrara (IRES)
Francesca Prever (University of Torino)
Andrea Priulla (University of Enna-Kore)

~~STEM Education-to-Work Transition: A LinkedIn Correspondence Audit on Gender Disparities~~ (Not Authorised)
~~*Elena Grimaccia (ISTAT)*~~
~~*Martina D'Amato (University of Milano-Bicocca)*~~
~~*Simone Dei Pieri (University of Catania)*~~
~~*Iacopo Moreschini (University of Milano-Bicocca)*~~
~~*Fabio Ferri (University of Milano-Bicocca)*~~
~~*Daniele Montepara (University of Milano-Bicocca)*~~

Tracking Graduate Pathways through Administrative Data: Evidence from Tuscan Universities
Silvia Duranti (IRPET)
Maria Luisa Maitino (IRPET)
Valentina Patacchini (IRPET)

Beyond Predictive Accuracy: Standardised Tests, School Grades, and University Admission
Giuseppe Caruso (University of Modena and Reggio Emilia)
Barbara Luppi (University of Modena and Reggio Emilia)
Fabrizio Patriarca (University of Modena and Reggio Emilia)

Grants as Bridge to University Access: The impact of an Information Intervention
Federica Laudisa (IRES)
Samuele Poy (University of Piemonte Orientale)

Aula B0.1 – Research 9

Session 9. Digital Competence and Generative AI in Education: New Challenges for Teaching and Assessment
Organizers: INVALSI - University of Bergamo
Coordinators: *Paolo Barabanti (INVALSI) - Marco Giganti (University of Bergamo)*

Digital Competences among First- and Second-Generation Migrant Students in Italy: Evidence from INVALSI Data
Valentina Ferri (INAPP)
Giovanna Filosa (INAPP)
Patrizia Rinaldi (University of Granada)

Reading Achievement, Socioeconomic Inequality, and Adolescents' Resistance to Misinformation Globally
Mobarak Hossain (London School of Economics and Political Science)
Jason Jabbari (Washington University in St. Louis)

Towards Automated Classification of Open-Ended Responses: A Preliminary Study Using Transformer-Based Language Models
Michele Marsili (INVALSI)
Fiammetta Noccioli (INVALSI)
Emiliano Campodifiori (INVALSI)
Marcello Napoli (INVALSI)

School Digital Readiness and Territorial Inequalities in Secondary Education: A Document-Based Mapping of Schools
Ilaria Ravasi (University of Bergamo)

Open Digital Badges: A Preliminary Analysis on the INVALSI Case Study
Veronica Pastori (ISTAT)
Antonio Severoni (INVALSI)

5th November: 2.00 p.m. - 4.00 p.m.

Aula Magna – Research 10

Session 16. Educational Inequalities, Learning Outcomes and Opportunities in Changing Contexts
Organizers: University of Bergamo - University of Milano "La Statale"
Coordinators: *Jurgena Myftiu (University of Insubria) - Giuliana Parente (University of Milano "La Statale")*

Ability-Based Peer Sorting, Ordinal Rank, and Educational Inequality in Academic Achievement
Emanuele Fedeli (University of Milano "La Statale")

Patterns and Mechanisms of Educational Inequality across Europe: New Evidence and Trends
Ilaria Lievore (Fondazione per la Scuola)

Immigrant–Native Disparities in Bullying and School Belonging: A Multilevel Socio-Ecological Analysis Across Europe
Ioulia Televantou (European University Cyprus)
Herb Marsh (IPPE)
Theresa Dicke (IPPE)

The Role of School Type in Shaping Literacy Skills: Evidence from the UK Millennium Cohort Study
Giulietta Zanga (University of Milano "La Statale")
Ekaterina Kochergina (University of Milano-Bicocca)

Mapping Educational Transformation: A Longitudinal Institutional Evaluation of Higher Education Teaching Innovation Projects (2017–2025)
Arantza Arruti (University of Deusto)

Aula A1.1 – Research 11

Session 3. International large-scale assessments (ILSAs) methods and results
Organizer: University of Bath

Coordinators: ***Maria Magdalena Isac (University of Bath) - Andres Sandoval Hernandez (University of Bath)***

Examining Environmental Behaviour Among Primary School Students Using TIMSS 2023: The Role of Environmental Attitudes and Parental Encouragement
Inés García-Bohórquez (University of Salamanca)
Giada Viotti (University of Roma Tre)
Laura Palmerio (INVALSI)
Camilo Ruiz (University of Salamanca)

The effect of students' sport engagement at school on civic knowledge and social cohesion in Europe: Evidence from the ICCS 2022 survey
Marcos Delprato (University of Bath)
Maria Magdalena Isac (University of Bath)
Daniele Vidoni (European Commission)

Distinguishing Substantive Attitude Profiles from Method Classes in the ICCS Students' Endorsement of Gender Equality Scale using ICCS
Natalia Lopez-Hornickel (University of Bath)
David Torres Irribarra (Pontifical Catholic University of Chile)
Catalina Reszczynski (Pontifical Catholic University of Chile)
Diego Carrasco (Pontifical Catholic University of Chile)

Opening the black box of socioeconomic inequalities in civic knowledge: A multilevel decomposition of the socioeconomic gap
Francisco Gatica (University of Bath)
Jan-Philipp Wagner (University of Bath)

Professional competences and reflexivity in support teachers: evidence from the TFA-INDIRE post-training questionnaire
Sara Mori (INDIRE)
Serena Greco (INDIRE)
Francesca Storai (INDIRE)
Elsa Maria Bruni (INDIRE)

Aula B0.1 – Research 12

Session 9. Digital Competence and Generative AI in Education: New Challenges for Teaching and Assessment
Organizers: INVALSI - University of Bergamo
Coordinators: ***Paolo Barabanti (INVALSI) - Marco Giganti (University of Bergamo)***

Generative AI Chatbots in Classroom Management Activities in Higher Education: A Qualitative Study Based on Third-Generation Activity Theory
Stefano Bonometti (University of Insubria)
Letizia Ferri (University of Insubria)

Mapping the Diffusion of Artificial Intelligence in Italian Schools: A Text Mining Analysis of 2022–2025 and 2025–2028 PTOF Documents
Giovanni Piumatti (Fondazione Agnelli)

Generative Artificial Intelligence and Universal Design for Learning: Evidence from Literature and from an Exploratory Qualitative Study with Teachers
Antonella Coppi (IUL Online University)
Sabrina Lucilla Barone (Pegaso Telematic University)
Debora Tringali (Pegaso Telematic University)

Digital Competence, Generative AI and Large-Scale Assessment: A Comparative Analysis of DigComp 3.0 and ICILS 2023
Marco Giganti (University of Bergamo)

Classifying Items on the basis of Difficulty and Time-Intensity through Tree-Based Methods: Evidence from the INVALSI Digital Competence Assessment
Tommaso Giorgi (University of Bologna)
Luca Bungaro (INVALSI)
Mariagiulia Matteucci (University of Bologna)
Stefania Mignani (University of Bologna)

5th November: 4.30 p.m. - 6.30 p.m.

Aula Magna – Research 13

Session 12. Successful school-to-University transitions: determinants and measures to contrast University drop-out
Organizers: University of Brescia - University of Bergamo
Coordinators: *Giovanni Abbiati (University of Brescia) - Federica Origo (University of Bergamo)*

When Research Meets Teaching: Evidence from student level data
Annalisa Cristini (University of Bergamo)
Federica Origo (University of Bergamo)
Piera Bello (University of Bergamo)
Costanza Marconi (University of Bergamo)

Same Problem, Different Causes: Heterogeneity in the Predictors of First-Year University Dropout
Giovanni Abbiati (University of Brescia)
Federica Origo (University of Bergamo)
Xiao Li (University of Brescia)
Federico Segato (University of Bergamo)

Starting Off on the Right Foot? Remedial Requirements and Academic Progression
Federico Segato (University of Bergamo)
Xiao Li (University of Brescia)
Federica Origo (University of Bergamo)
Giovanni Abbiati (University of Brescia)

School-to-University Transitions: A Hybrid Machine Learning study of Tracking and Inequality
Giulia Pietrangeli (University of Roma "La Sapienza")
Michele Marsili (INVALSI)
Fiammetta Noccioli (INVALSI)

DROP-IT: Dropout Prevention in Italian Tertiary Education
Marta Magnani (University of Milano "La Statale")
Marta Campagnoli (University of Milano "La Statale")
Chiara Masci (University of Milano "La Statale")
Silvia Salini (University of Milano "La Statale")

Aula A1.1 – Research 14

Session 15. Educational Poverty and Equity in Educational Opportunities: Measurement, Contexts, and Policy Responses
Organizers: University of Piemonte Orientale - University of Milano - Bicocca
Coordinators: *Giorgia Casalone (University of Piemonte Orientale) - Alessandra Michelangeli (University of Milano- Bicocca)*

Beyond Citizenship: Migration Background, School Dropout and Educational Inequalities in Italy
Lorenzo Maraviglia (INVALSI)

Educational Poverty and 21st Century Skills Development: A Quasi-Experimental Evaluation of the UPSHIFT Programme in Italy
Sabrina Lipari (Junior Achievement Italy)

Breaking the cycle? Educational poverty persistence among italian high school students
Maria Berrittella (University of Palermo)
Francesco Salomone Marino (Ministry of University and Research)

Who Falls Behind? Educational Inequality Across Places and Social Groups in Italy
Alessandra Michelangeli (University of Milano-Bicocca)
Giorgia Casalone (University of Piemonte Orientale)
Kateryna Tkach (Gran Sasso Science Institute)

Tracking Equality of Opportunity over Compulsory Schooling: Evidence from Longitudinal INVALSI data
Giorgia Casalone (University of Piemonte Orientale)
Alessandra Michelangeli (University of Milano-Bicocca)

Aula B0.1 – Research 15

Session 11. From Latent Potential to Outstanding Achievement: Giftedness, Top Performers and Excellence in Contemporary Educational Systems

Organizers: University of Milano-Bicocca - INVALSI
Coordinators: *Brunella Fiore (University of Milano-Bicocca) - Paolo Barabanti (INVALSI)*

Fostering Collaborative Peer Relationships Among High-Potential and Gifted Children
Giorgia Ruzzante (Free University of Bozen-Bolzano)
Alessia Travaglini (University of study Guglielmo Marconi)

Improving the Identification of Gifted and Talented Students in the Basque Country to Ensure Educational Inclusion and Full Development
Miryam Martínez-Izaguirre (University of Deusto)
Alexander Álvarez-González (University of Deusto)
Arantza Arruti (University of Deusto)
Ioseba Iraurgi (University of Deusto)

Profiles and Pathways of Learning Strategy Development During the Transition to Higher Education: Evidence from High Ability and Typical Students
Alicia Ramos (KU Leuven)
Vincent Donche (University of Antwerp)
Karine Verschueren (KU Leuven)

Teachers' attitudes toward gifted education in Italy: validation of the ATGE scale and a mediation model linking attitudes, meritocratic beliefs, and endorsement of school selection
Francesco Marsili (University of Perugia)
Maria Mirandi (Sophia University Institute)
Annalisa Morganti (University of Perugia)

The state of intervention research in gifted education: a scoping review of experimental and quasi-experimental studies (2010–2025)
Francesco Marsili (University of Perugia)
Marta Pellegrini (University of Cagliari)
Patricia Ayllón Salas (University of Granada)
Luigi Fenza (University of Perugia)

Gendered Recognition of Giftedness in Italian Primary Schools: Teachers' Attributions, Hidden Potential and Educational Equity
Erika Daria Torello (University of Jaén)
Eufrasio Pérez Navío (University of Jaén)
Enrico Bocciolesi (University of Urbino Carlo Bo)

6th November: 8.30 a.m. - 10.30 a.m.

Aula Magna – Research 16

Session 8. Evaluating University Pathways in Italy: Integrated Data, Educational Choices, Student Support and Labour Market Transitions
Organizers: University of Piemonte Orientale - University of Bologna
Coordinators: *Carmen Aina (University of Piemonte Orientale) - Giuseppe Pignataro (University of Bologna)*

University Scholarships and Academic Success in Italy: Evidence from National Administrative Data
Carmen Aina (University of Piemonte Orientale)
Raffaello Bronzini (Bank of Italy)
Augusto Cerqua (Sapienza University of Roma)
Ivan Etzo (University of Cagliari)

What if Gulliver Does Not Travel? Social Comparison, Ordinal Rank, and Transition into Higher Education
Andrea Lopes (University of Study of Milano - La Statale)

The Evolution of Comparative Advantage During Secondary School and University Field Choice: Evidence from Linked INVALSI and Administrative Data
Luca Bonacini (University of Piemonte Orientale)
Carmen Aina (University of Piemonte Orientale)
Chiara Mussida (Università Cattolica del Sacro Cuore)

Giuseppe Pignataro (University of Bologna)

Beyond prediction: uncovering dropout patterns with machine learning in Italian schools
Melisa L. Diaz Lema (Politecnico di Milano)
Mariavittoria Ludovico (Politecnico di Milano)
Tommaso Agasisti (Politecnico di Milano)

Aula A1.1 – Research 17

Session 3. International large-scale assessments (ILSAs) methods and results
Organizer: University of Bath
Coordinators: *Maria Magdalena Isac (University of Bath) - Andres Sandoval Hernandez (University of Bath)*

What is civic knowledge? An in-depth analysis of the ICCS Civic Knowledge Framework and its evolution over time
Jan-Philipp Wagner (University of Bath)
Francisco Gatica (University of Bath)

Can Civic Education Compensate Social Inequalities in Civic Outcomes? Evidence from Chile and Comparative Large-Scale Assessments
Daniel Miranda (University of Chile)
Jorge Matamala (Universidad del Desarrollo)
Benjamín Zavala (University of Chile)

Screening non-invariance via alignment and orthogonal residuals. An illustration with students' background questionnaire across ICCS cycles
Diego Carrasco (Pontifical Catholic University of Chile)
Andres Sandoval Hernandez (University of Bath)
Nurullah Eryilmaz (IEA)
David Torres Irribarra (Pontifical Catholic University of Chile)

The Immigrant Paradox in Mathematics Self-Concept: A Cross-National Test Across 54 Education Systems Using TIMSS 2023
Maximiliano Romero (IEA)
Rolf Strietholt (Aarhus University)
Ioulia Televantou (European University Cyprus)

Identification of a Minimum Response Threshold in Large-Scale Standardized Assessments Using INVALSI Data
Luca Bungaro (INVALSI)
Marta Desimoni (INVALSI)

Aula B0.1 – Research 18

Session 16. Educational Inequalities, Learning Outcomes and Opportunities in Changing Contexts
Organizers: University of Bergamo – University of Milano "La Statale"
Coordinators: *Jurgena Myftiu (University of Insubria) - Giuliana Parente (University of Milano "La Statale")*

Using AI without reducing the person to a dataset: study methods using AI and AI-assisted learning assessment to tackle educational inequalities
Letizia Ferri (University of Insubria)

Understanding tertiary education mobility among migrant - origin students in Italy
Maria Berrittella (University of Palermo)
Francesco Salomone Marino (Ministry of University and Research)

Teaching Practices, Learning Outcomes and Educational Inequalities in Lower Secondary Schools: Evidence from INVALSI Data
Jurgena Myftiu (University of Insubria)
Giorgia Casalone (University of Piemonte Orientale)

A simplified socio-cultural index for measuring educational inequalities in learning outcomes
Clelia Cascella (INVALSI)

Detecting Low-Effort Response Behaviour in Digital Competence Assessment Using INVALSI DigComp 2025 Data
Chiara Rita Cunsolo (University of Bologna)
Mariagiulia Matteucci (University of Bologna)
Stefania Mignani (University of Bologna)

6th November: 11.00 a.m. - 1.00 p.m.

Aula Magna – Research 19

Session 6. Data Literacy and Data Use in Schools: Emerging Practices, Challenges, and Professional Cultures
Organizers: Fondazione Bruno Kessler - Fondazione per la Scuola
Coordinators: *Davide Azzolini (Fondazione Bruno Kessler) - Veronica Mobilio (Fondazione per la Scuola)*

From Data Decomposition to Curricular Design: "Deconstructing" INVALSI Outcomes as a Governance Methodology for Equity and Innovation. A Three-Year Case Study (2024-2026)
Andrea Meucci (Ministry of Education and Merit)
Silvia Bennati (Ministry of Education and Merit)
Fleana Albertoni (Ministry of Education and Merit)

Reading Between the Lines: Data Literacy Trajectories in Service Learning Self-Assessment in Italian Schools (2022–2025)
Patrizia Lotti (INDIRE)
Lorenza Orlandini (INDIRE)

Beyond Compliance: Internal Roles for Evidence-Informed Peer Review and Organisational Learning in Vocational Education and Training
Concetta Fonzo (INAPP)
Laura Evangelista (INAPP)

Motivated but Challenged: Measuring Attitudes Toward Data Science Among Graduate Students in Educational Research Methodology
Ioulia Televantou (European University Cyprus)
Maria Meletiou (European University Cyprus)
Georgia Solomonidou (European University Cyprus)
Daniel Frischemeier (University of Münster)

Aula A1.1 – Research 20

Session 10. Understanding One-Year Achievement Growth in Mathematics: Evidence from TIMSS Longitudinal and Its Relevance for Italy
Organizer: IEA - Aarhus University
Coordinators: *Nurullah Eryilmaz (IEA) - Rolf Strietholt (Aarhus University)*

Changes in response time and mathematical performance in TIMSS-L
Jose G. Clavel (University of Murcia)
Matthias von Davier (IEA)
Mao Thianzheng (IEA)

Understanding One-Year Achievement Growth in Mathematics: Evidence from TIMSS Longitudinal and Its Relevance for Italy
Nurullah Eryilmaz (IEA)
Rolf Strietholt (Aarhus University)

Individual Student Characteristics and Mathematics Achievement Gains: Evidence from the TIMSS Longitudinal Study
Nurullah Eryilmaz (IEA)
Rolf Strietholt (Aarhus University)
Trude Nilsen (University of Oslo)
Stefan Johansson (University of Gothenburg)

School Climate: Impact of Safety, Relationships, Resources, and Academic Emphasis on Achievement Gains and Equality: TIMSS Longitudinal across countries and grades
Rolf Strietholt (Aarhus University)
Trude Nilsen (University of Oslo)
Stefan Johansson (University of Gothenburg)
Nurullah Eryilmaz (IEA)

Teacher Quality Indicators and Student Achievement Gains: Evidence from the TIMSS Longitudinal Study
Stefan Johansson (University of Gothenburg)
Rolf Strietholt (Aarhus University)
Nurullah Eryilmaz (IEA)
Trude Nilsen (University of Oslo)

The Importance of Teaching Quality for Mathematics Achievement Gains and Educational Equality: TIMSS Longitudinal data across all countries and grades
Trude Nilsen (University of Oslo)
Stefan Johansson (University of Gothenburg)
Rolf Strietholt (Aarhus University)
Nurullah Eryilmaz (IEA)

Aula B0.1 – Research 21

Session 16. Educational Inequalities, Learning Outcomes and Opportunities in Changing Contexts
Organizers: University of Bergamo - University of Milano "La Statale"
Coordinators: *Jurgena Myftiu (University of Insubria) - Giuliana Parente (University of Milano "La Statale")*

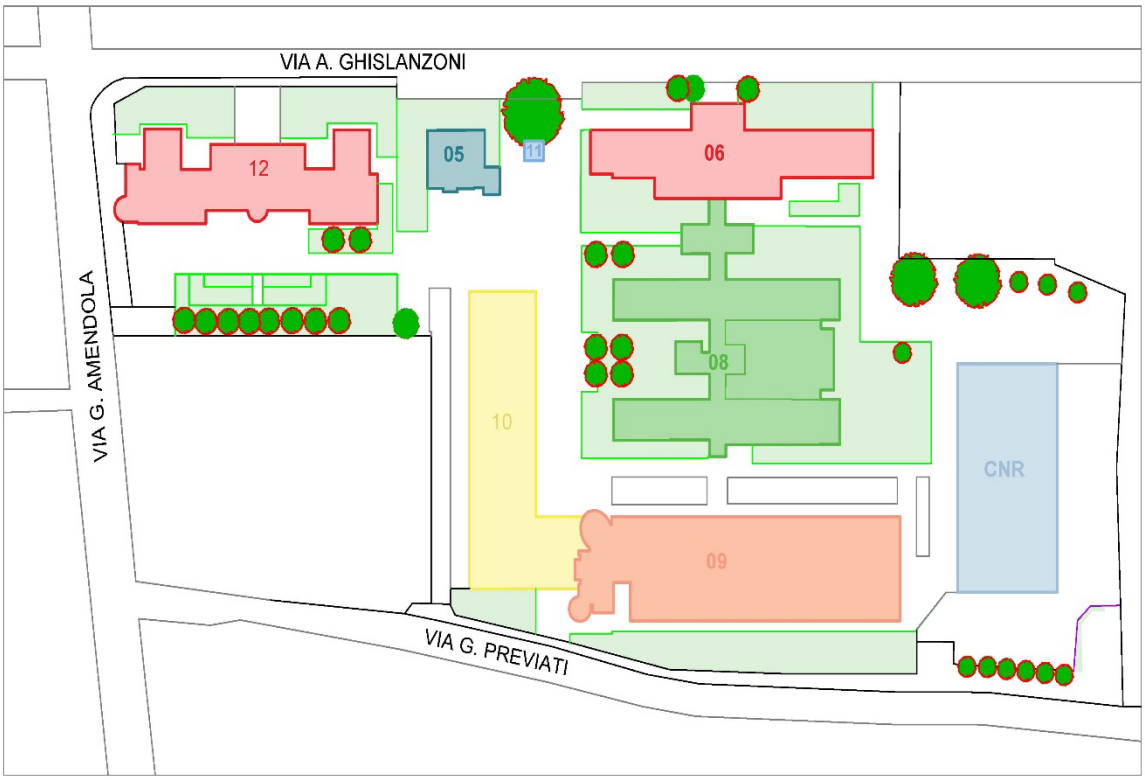
COVID-19, socioeconomic status, and upper-secondary track choice
Francesca Carimando (University of Bologna)
Loris Vergolini (University of Bologna)

Evolving Equity in Finnish PISA Results – Insights from Low-Performing Students
Jonna Pulkkinen (Finnish Institute for Educational Research, University of Jyväskylä)
Heli Kauppinen (Finnish Institute for Educational Research, University of Jyväskylä)
Arto K. Ahonen (Finnish Institute for Educational Research, University of Jyväskylä)

Occupational Expectations in European Educational Regimes: An Application of the ESeC Indicator to OECD-PISA 2022 Data
Eleonora Mattarelli (ISTAT)
Pasquale Di Padova (ISTAT)
Orazio Giancola (University of Roma "La Sapienza")
Enrico Nerli Ballati (ISTAT)

Migration Background and Digital Inequalities Among Adolescents in Spain
Diana Fernández Méndez (University of Santiago de Compostela)
José Manuel Amoedo Meijide (University of Santiago de Compostela)
Jackiline Salazar Torres (University of Santiago de Compostela)

Who Matters for Whom? Non-linear Peer Effects on Achievement and Absenteeism
Iván Vicente (University of Valencia)
Tommaso Agasisti (Politecnico di Milano)
Melisa L. Diaz Lema (Politecnico di Milano)



Campus map legend:

Aula Magna – Building 10, Ground Floor

Aula A1.1 – Building 10, First Floor

Aula B0.1 – Building 09, Ground Floor