**VIII SEMINAR**
“INVALSI DATA: A TOOL FOR TEACHING AND SCIENTIFIC RESEARCH”
**PROGRAMME**

### 23rd November

9.30 - 10.30 a.m.  **Registration and Welcome coffee**

10.30 - 11.00 a.m.  **Room 1**  
**Institutional greetings**  
Patrizia Falzetti (Director of the Evaluation Research Division, INVALSI)  
Roberto Ricci (President of INVALSI)

11.00 - 12.00 p.m.  **Room 1**  
**Plenary Session**  
**Organizer:** INVALSI  
**Chair:** TO BE DEFINED  
**Invited Speaker:** Aline Pennisi (Unità di missione Next generation UE, MEF), *INVALSI: a mine of data (worth excavating) for the Italian national recovery and resilience plan*

12.00 p.m. - 1.00 p.m.  **Room 1**  
**Plenary Session**  
**Organizer:** INVALSI  
**Chair:** TO BE DEFINED  
**Invited Speaker:** Francesco Profumo (President of Fondazione Compagnia di San Paolo), *“How to make data talk and why”*

1.00 - 2.00 p.m.  **Lunch**

2.00 - 4.00 p.m.  **Parallel Sessions**  
Room 1 – Research 1  
Room 2 – Research 2  
Room 3 – Research 3  
Room 4 – Research 4

4.00 - 4.30 p.m.  **Coffee break**

4.30 - 6.30 p.m.  **Parallel Sessions**  
Room 1 – Research 5  
Room 2 – Research 6  
Room 3 – Research 7

### 24th November

9.30 - 11.30 a.m.  **Parallel Sessions**  
Room 1 – Research 8  
Room 2 – Research 9  
Room 3 – Research 10

11.30 - 12.00 p.m.  **Coffee break**
12.00 - 1.00 p.m. Room 1
Plenary Session
Organizer: INVALSI
Chair: TO BE DEFINED
Invited Speaker: Enrico Rettore (Full Professor at University of Padova)
“The challenge of measuring the causal effect of an intervention”

1.00 - 2.00 p.m. Lunch

2.00 - 4.00 p.m. Parallel Sessions
Room 1 – Research 11
Room 2 – Research 12
Room 4 – Research 13

4.00 - 4.30 p.m. Coffee break

4.30 - 6.30 p.m. Room 1
Plenary Session
Panel Discussion - Research
Unlocking the Power of Large-Scale Assessments: Shaping Policies Beyond Fundamental Skills
Moderator: Daniele Vidoni (Policy Officer – European Commission, DG Competition)
Invited Speakers: TO BE DEFINED

8.00 p.m. Social Dinner

25th November

9.30 - 11.30 a.m. Parallel Sessions
Room 1 – Teaching 1
Room 2 – Teaching 2
Room 3 – Research 14

11.30 - 12.00 p.m. Coffee break

12.00 - 1.00 p.m. Room 1
Plenary Session
Organizer: INVALSI
Chair: TO BE DEFINED
Invited Speaker: Maria Teresa Siniscalco (Presidente nazionale dell'ADI),
“Text comprehension as a competence to be built: data from research”

1.00 - 2.00 p.m. Lunch

2.00 – 3.30 p.m. Parallel Sessions
Room 1 – Authors Meet Critics
Room 4 – Research 15

3.30 - 4.00 p.m. Coffee break

4.00 - 6.30 p.m. Parallel Sessions
Room 1 – Teaching 3
Room 2 – Teaching 4
Room 3 – Research 16
26th November

9.30 - 11.30 a.m. Room 1 – Teaching 5

11.30 - 12.00 p.m. Coffee break

12.00 - 1.00 p.m. Room 1
Plenary Session
Panel Discussion - Teaching
The most beautiful job in the world”. What do we know about teacher motivation?
Moderator: Renata Maria Viganò (Professore Ordinario di Pedagogia Sperimentale all’Università Cattolica del Sacro Cuore, Vicepresidente del CdA di INVALSI)
Invited Speakers:
Ketty Savioli (Docente scuola primaria, collaboratore esperto Invalsi)
Sabrina Sironi (Docente scuola secondaria, tutor docenti tirocinanti)
Gabriella Agrusti (Ordinario di pedagogia sperimentale, Università LUMSA)

1.00 - 2.00 p.m. Lunch

2.00 - 3.30 p.m. Room 1
Plenary Session
Authors Meet Critics
Organizer: INVALSI
Moderator: Elisa Chiriano (Insegnante, Ministero dell’Istruzione)
Attend: TO BE DEFINED

3.30 – 4.00 p.m. Coffee break

4.00 - 6.30 p.m. Parallel Sessions
Room 1 – Teaching 6
Room 2 – Teaching 7

Research Session will be held in English language
Teaching Session will be held in Italian language
PARALLEL SESSIONS PROGRAMME

23rd November: 2.00 - 4.00 p.m.

Room 1 - Research 1

Theme 1. A difficult education: challenges of the school system to ensure social integration, skills/knowledge and social mobility
Organizer: INVALSI - ESPANET
Coordinator: Patrizia Falzetti (INVALSI)
Analysing INVALSI data to develop a simplified index of students’ socioeconomic and cultural background
Clelia Cascella (INVALSI)
Resilient students: what factors behind the success of disadvantaged students?
Silvia Duranti (IRPET)
Francesco Bogazzi (UNIFI)
Implicit school drop-out: personal and contextual features of a complex phenomenon
Lorenzo Maraviglia (INVALSI)
Ornella Papa (INVALSI)
Giuseppina Le Rose (INVALSI)
Teacher insecurity and inequalities in student learning. New evidence from INVALSI data, 2017-2022
Giovanni Antonini (University of Cattolica di Milano)
Gianluca Argentin (University of Milano Bicocca)

Room 2 - Research 2

Theme 2. Different data sources and their integration: policy indicators for the education and training system
Organizer: INVALSI - ISTAT
Coordinator: Barbara Baldazzi (ISTAT)
Measuring early school leaving: how to get institutional data and INVALSI data to talk to each other
Massimo Armenise (ISTAT)
Barbara Baldazzi (ISTAT)
Classroom rank in mathematics and career choices
Maddalena Davoli (University of Zurigo)
Maurizio Strazzeri (University of Berna)
Enzo Brox (University of St. Gallen)
The heuristic value of data for school evaluation as a data-driven decision-making process
Michela Freddano (INVALSI)
Miriam Mariani (INVALSI)
Tackling school dropout through the school climate: a proposal for a process indicator from the RAV Experimentation for Vocational Education and Training
Daniela Torti (INVALSI)
Michela Freddano (INVALSI)

Room 3 - Research 3

Theme 3. International large-scale assessments (ILSAs) methods and results
Organizer: INVALSI
Coordinator: Magdalena Isac (KU Leuven)
The relationship between school working conditions and teacher job satisfaction in Italy: Evidence from TIMSS 2019
Nurullah Eryilmaz (IEA)
School Belonging and (Forced) Migration
Daniel Shepard (University of Indiana)
Investigating the impact of inquiry-based teaching on science learning: a further analysis in Italy
Zhijun Chen (University of Bath)
Andres Sandoval Hernandez (University of Bath)
What makes a good reader? Evidence from PIRLS 2021
Paola Giangiacomo (INVALSI)
Valeria F. Tortora (INVALSI)
Room 4 – Research 4
Theme 8. Learning to learn in schools, in adult education and in vocational education and training
Organizer: INVALSI
Coordinator: Cristina Stringher (INVALSI)
Learning to Learn: teachers' conceptions 'in medias res'
Lucia Scipione (University of Modena e Reggio Emilia)
Roberta Cardarello (University of Modena e Reggio Emilia)
Learning to Learn: training future teachers
Lucia Scipione (University of Modena e Reggio Emilia)
Annamaria Gentile (University of Modena e Reggio Emilia)
Agnese Vezzani (University of Modena e Reggio Emilia)
Pierina Giovanna Bertoglio (University of Modena e Reggio Emilia)
“Activities involving students” for Secondary School Teachers in Italy: noncognitive aspects related to L2L
Hugo Armando Brito Rivera (Universidad Autónoma Metropolitana)
“Impossible pupils” in teachers’ representations: educational challenges for Learning to Learn in an international qualitative study.
Cristina Stringher (INVALSI)
Salvatore Patera (UNINT)

23rd November: 4.30 - 6.30 p.m.

Room 1 – Research 5
Theme 5. Education and Social Mobility
Organizer: INVALSI
Coordinator: Daniele Vidoni (Policy Officer – European Commission, DG Competition)
Born Different? Starting Differences and Academic Career Outcomes of Students through INVALSI Data
Gian Paolo Barbetta (University of Cattolica di Milano)
Luca Stella (Freie Universitat Berlin)
Lorenzo Vaiani (Itinerari Previdenziali)
The social stratification of teachers' grading: How students' social background affect the way students are evaluated in school
Moris Triventi (University of Trento)
How are inequalities generated in schools? An attempt to construct research tools and data
Giovanni Abbiati (University of Brescia)
Giuseppina Le Rose (INVALSI)
Elisa Manzella (University of Brescia)
Emmanuele Pavolini (University of Macerata)

Room 2 – Research 6
Theme 2. Different data sources and their integration: policy indicators for the education and training system
Organizer: INVALSI - ISTAT
Coordinator: Barbara Baldazzi (ISTAT)
The Italian School System layer by layer
Lorenzo Maraviglia (INVALSI)
Emiliano Campodifiori (INVALSI)
Michele Marsili (INVALSI)
Where have they gone? Following a cohort of students through the intricacies of Italian contemporary society
Lorenzo Maraviglia (INVALSI)
Projet «VALVAL»
Simonetta Radi (Unione Valdera)
Arianna Cecchini (Presidente della Conferenza educativa zona Valdera, oltre che Sindaco di Capannoli, facente parte dell’Unione Valdera)
Cristina Cosci (Unione Valdera)
Simone Mancini (Unione Valdera)
Digital skills and learning in Italian and mathematics: a crossroads of inclusion, education and innovation.
Valeria F. Tortora (INVALSI)
Patrizia Falzetti (INVALSI)

Room 3 – Research 7

Theme 3. International large-scale assessments (ILSAs) methods and results
Organizer: INVALSI
Coordinator: Magdalena Isac (KU Leuven)
Exploring factors affecting Italian students’ attainment in standardised EFL tests.
Clelia Cascella (INVALSI)
Sara Giannone (INVALSI)
Simona Incerto (INVALSI)
Adriana Timpone (INVALSI)

Are older adolescents more rational in their trust assessment than young adolescents?
Linde Stals (KU Leuven)
Ellen Claes (KU Leuven)
Maria Magdalena Isac (KU Leuven)

Comparative Analysis of Environmental Knowledge: A Focus on Italy
Yuan-Ling Liaw (IEA)
Sabine Meinck (IEA)
Andres Strello (IEA)
Rolf Strietholt (IEA)

Digital Citizen Participation in Chile and Italy: description of gaps and their relationship with other forms of participation
Daniel Miranda (Pontificia Universidad Católica de Chile)
Juan Carlos Castillo (Pontificia Universidad Católica de Chile)

24th November: 9.30 - 11.30 a.m.

Room 1 – Research 8

Theme 7. Fostering the Evaluation Capacity Building for School Improvement
Organizer: INVALSI
Coordinator: Donatella Poliandri (INVALSI)
Supporting teachers’ self-evaluation and competence development for the use of artificial intelligence in the classroom: the Erasmus A4T project
Sara Mori (INDIRE)
Jessica Niewint (INDIRE)
Francesca Storai (INDIRE)

School principals’ viewpoint on a training program for supporting school self-evaluation
Giuseppe Carmelo Pillera (INVALSI)
Letizia Giampietro (INVALSI)
Donatella Poliandri (INVALSI)

Study of teachers’ beliefs and practices about formative assessment in Emergency Remote Teaching. The role of INVALSI data
Marco Giganti (University Cattolica del Sacro Cuore)
Emanuele Marcara (Istituto Omnicomprensivo Europeo di Arconate e Buscate)

Impact analysis of a professional development on self-evaluation: first results
Donatella Poliandri (INVALSI)
Sara Manganelli (INVALSI)
Letizia Giampietro (INVALSI)

Small schools for self-evaluation
Grazziella Arazzi (IIS Scienze Umane e Artistico - Imperia)

Room 2 – Research 9

Theme 4. Gender Stereotypes
Organizer: INVALSI
Coordinator: Ellen Claes (KU Leuven)
Grade gender gap: evidence from RiminiInRete
Beatrice Franzolini (University of Milano, Bocconi)
Filippo Albertini (RiminiInRete)
Lorella Camporesi (RiminiInRete)

A new scale of Perceived Self-Efficacy in Management and Use of Digital Devices: psychometric structure and gender invariance
Rosalba Ceravolo (INVALSI)
Marta Desimoni (INVALSI)
Michela Milioni (INVALSI)

Gender differences in computer user-profiles and performance on mathematics computer-based tests: an application of latent class analysis
Marta Desimoni (INVALSI)
Donatella Papa (INVALSI)
Cristina Lasorsa (INVALSI)

Get off with a good start: predicting power of INVALSI mathematical test on STEM career at university according to gender
Patrizia Giannantoni (INVALSI)
Patrizia Falzetti (INVALSI)

Exploring the Influence of Maternal and Teacher Role Models on Gendered Differences in Mathematics
Alice Bertoletti (European Commission - JRC)
Marta Cannistrà (Politecnico di Milano)
Mara Soncin (Politecnico di Milano)

Room 3 – Research 10

Theme 3. International large-scale assessments (ILSAs) methods and results
Organizer: INVALSI
Coordinator: Ernesto Trevino (Pontificia Universidad Católica de Chile)

When almost all items are endorsed: Extreme responses or substantive classes?
David Torres Irribarra (Pontificia Universidad Católica de Chile)
Diego Carrasco (Pontificia Universidad Católica de Chile)

Implications of ILSA Results for Citizenship Curriculum Reforms
Citlalli Sanchez-Alvarez (Autonomous University of Baja California, Mexico)

How motivational constructs interact to predict elementary students’ reading performance
Beti Lameva (National Examination Centre, Macedonia)
Zaneta Chonteva (Bureau of Education Development, Ministry of Education and Science, Republic of North Macedonia)

Preparing Teachers for Assessment: Evidence from Three International Large-scale Assessment Programs
Serafina Pastore (University of Bari)
Davide Azzolini (FBK-IRVAPP)
Sonia Marzadro (FBK-IRVAPP)

24th November: 2.00 - 4.00 p.m.

Room 1 – Research 11

Theme 5. Education and Social Mobility
Organizer: INVALSI
Coordinator: Lorenzo Maraviglia (INVALSI)

The Impact of Primary School Math Skills on Academic Achievement in Lower Secondary School
Chiara Masci (Politecnico di Milano)
Mara Soncin (Politecnico di Milano)
Tommaso Agasisti (Politecnico di Milano)
Melisa Diaz Lema (Politecnico di Milano)

Geographical cleavages in educational outcomes: Educational achievement and social inequalities in Inner and Central areas in Italy
Moris Triventi (University of Trento)
Nazareno Panichella (University of Milano, La Statale)
Stefano Cantalini (University of Milano, La Statale)
Andrea Pietrolucci (University of Trento)
The Voice of Students, Parents, Teachers and Principals: The Hermeneutics of Data for the Promotion of a Transformative Educational Alliance from the Bottom-Up — Towards the Reconciliation of the Modernity Fracture Starting from the School. The Philosophical and Political Foundations of Teach For Italy's MEL System.

Antonio Piscopo (Teach of Italy)

Students’ outcomes in four-year courses: an analysis of data from State exams and INVALSI tests

Paolo Davoli (USR, Emilia Romagna)
Francesco Orlando (USR, Emilia Romagna)

Room 2 – Research 12

Theme 4. Gender Stereotypes
Organizer: INVALSI
Coordinator: Ellen Claes (KU Leuven)

The impact of anxiety on girls and boys differences at the INVALSI: A multilevel path analyses with meta-analysis study
David Giofrè (University of Genova)
Tommaso Feraco (University of Padova)
Enrico Toffalini (University of Padova)
Sara Čaviola (University of Padova)

Gender stereotypes and children's performance in elementary schools
Federica Origo (Università degli Studi di Bergamo)
Piera Bello (Università degli Studi di Bergamo)
Annalisa Cristini (Università degli Studi di Bergamo)

Bridging the gender gap in mathematics: examining STEM enrolment rate by gender in Higher Education, in Italian Provinces
Federica Ferretti (University of Ferrara)
Giorgio Bolondi (Libera University of Bolzano)
Clelia Cascella (INVALSI)
Ugo Rizzo (University of Ferrara)

Peer interaction and gender stereotypes in primary education: A literature review
Catalina Miranda (Pontificia Universidad Católica de Chile)

Room 4 – Research 13

Theme 6. The evaluation of public policies in the school system
Organizer: INVALSI
Coordinator: Andres Sandoval Hernandez (University of Bath)

Effects of Workload Allocation per Course on Students’ Academic Outcomes: Evidence from STEM Degrees
Giorgia Casalone (University of Piemonte Orientale)
Carmen Aina (University of Piemonte Orientale)
Koray Aktas (University of Ca Foscari, Venezia)

The Effect of School Closures on Students’ Academic Performance in Italy
Josep Amer Mestre (European Commission, Joint Research Centre)
Sara Flisi (European Commission, Joint Research Centre)

Teachers and educational inequalities reproduction: how can we reduce tertiary effects? Evidence from an RCT combined with a factorial survey experiment
Elisa Manzella (University of Brescia)
Gianluca Argentin (University of Milano Bicocca)

25th November: 9.30 - 11.30 a.m.

Room 1 – Teaching 1

Theme 11. Equity between low achieving students and the excellent ones: both sides of the same coin
Organizer: INVALSI
Coordinator: Paolo Barabanti (INVALSI)

Equity, quality and inclusion in schools in the autonomous province of Trento: examples of good practices
Paolo Barabanti (INVALSI)
Anna Maria Ajello (Università La Sapienza di Roma)
Chiara Tamanini (IPRASE)
Fragile and high performing male and female students in coexisting environments: how do they differ in characteristics?
A case study based on the goals of the Agenda 2030: providing quality education and achieving gender equality
Alessia Cividin (I.C. Roiano Gretta di Trieste)

From SES to training orientation: a regional experience of equity and improvement
Ornella Campo (Dirigente tecnico USR)
Giorgio Cavadi (Dirigente tecnico I.C. Trieste)

Who are Italian preschool teachers? Provisional answers from data of the Italian national experimentation of the preschool self-evaluation report format
Brunella Fiore (University of Milano Bicocca)
Paolo Barabanti (INVALSI)

Excellence and fragility in mathematics learning: what methodological approach can guarantee an equitable school system
Carmina Laura Giovanna Pinto (USR Marche)

How to read the educational fragility ... to intervene
Francesco Mammarella (I.C. di Città Sant’Angelo)
Ettore D’Agostino (I.C. di Città Sant’Angelo)
Roberta Franchi (I.C. di Città Sant’Angelo)
Carla Lavista (I.C. di Città Sant’Angelo)

Room 2 – Teaching 2

Theme 9. Italian, Maths and English: teaching processes through INVALSI data and tools
Organizer: INVALSI
Coordinator: Roberto Capone (Università degli studi di Bari Aldo Moro)

The language of INVALSI Mathematics tests
Ottavio Giulio Rizzo (University of Milano)

A new idea of CLIL with INVALSI maths questions
Stefano Babini (Liceo Artistico Statale P. Toschi, Parma)
Ivan Graziani (I.C. SANTA SOFIA, Forlì-Cesena)
Chiara Cataldo (Liceo Artistico Statale P. Toschi, Parma)

Storytelling mathematics with INVALSI questions
Ivan Graziani (I.C. SANTA SOFIA, Forlì-Cesena)
Stefano Babini (Liceo Artistico Statale P. Toschi, Parma)

The INVALSI data from fifth-grade primary school as a tool for evaluating a methodology based on games for teaching mathematics
Valentina Vaccaro (INVALSI)
Maria Francesca Ambrogio (I.C. Santena)

Serious Games and INVALSI items: an idiographic study of an innovative mathematics teaching approach
Roberto Capone (Università degli studi di Bari Aldo Moro)
Eleonora Faggiano (Università degli studi di Bari Aldo Moro)

The performance of students attending the Liceo Matematico in INVALSI tests
Francesca Coppa (Università La Sapienza, Roma)
Alessandro Gambini (Università La Sapienza, Roma)
Stefania Gubbiotti (Università La Sapienza, Roma)
Davide Passaro (Università La Sapienza, Roma)

Room 3 – Research 14

Theme 8. Learning to learn in schools, in adult education and in vocational education and training
Organizer: INVALSI
Coordinator: Cristina Stringher (INVALSI)

Educational planning and planning to intervene in the ability to learn to learn
Francia Da Re (Ricercatrice indipendente)

The assessment of personal, social and learning to learn competence. The testing of a formative assessment dispositive
Andrea Giacomantonio (Università Telematica Pegaso)
Arduino Salatin (IUSVE)
Fabrizio Giovannini (INAPP)
Marta Santanicchia (INAPP)

Promoting learning achievements of prospective teachers through gamified cognitive activation
Andrea Tinterri (University Telematica IUL)
Anna Dipace (University of Foggia)
The contribution of learning orientations to school success and well-being. Results of studies conducted with students and teachers
Giulia Vettori (University of Studi di Firenze)
Lucia Bigozzi (University of Studi di Firenze)
Giuliana Pinto (University of Studi di Firenze)

25th November: 2.00 - 3.30 p.m.

Room 1 – AUTHORS MEET CRITICS

Presentation of the book by Orazio Giancola e Luca Salmieri: La povertà educativa in Italia, Carocci (2023)
Organizer: INVALSI
Moderator: Elisa Chiriano (Insegnante, Ministero dell’Istruzione)
Attend: TO BE DEFINED

Room 4 – Research 15

Theme 1. A difficult education: challenges of the school system to ensure social integration, skills/knowledge and social mobility
Organizer: INVALSI - ESPANET
Coordinator: Emmanuele Pavolini (ESpanet)

The uphill battle: The amplifying effects of negative trends in test scores, COVID-19 school closures and teacher shortages
Letizia Gambi (KU Leuven)
Kristof De Witte (KU Leuven)
A systematic overview of the effectiveness of teaching action in feedback literacy as a tool for preventing, tackling and reducing implicit and explicit early school leaving factors in the national school landscape
Rita Marzoli (INVALSI)
Antonella Mastrogiovanni (INVALSI)
Antonella Vendramin (INVALSI)
Hidden drop-out: Secondary education (unseen) failure in pandemic times
Rosario Maria Ballatore (Bank of Italy)
Lorenzo Alderighi (European University Institute)
Marco Tonello (Bank of Italy)

25th November: 4.00 - 6.30 p.m.

Room 1 – Teaching 3

Theme 9. Italian, Maths and English: teaching processes through INVALSI data and tools
Organizer: INVALSI
Coordinator: Daniele Vidoni (Policy Officer – European Commission, DG Competition)

Promoting algebraic thinking: restructuring INVALSI items to turn them into an opportunity for formative assessment
Simone Quartara (IIS Italo Calvino, Genova)
Francesca Morselli (University of Genova)
Elisabetta Robotti (University of Genova)
Alessandra Boscolo (University of Genova)
Scientific curriculum design starting from maker education experience
Laura Castellana (Circolo Didattico "E. De Amicis", Modugno)
Teresa Di Tullio (Circolo Didattico "E. De Amicis", Modugno)
At school with Mother Nature: INVALSI tests in outdoor
Daniela Ruffolo (IC Don Milani-Linguiti Giffoni Valle Piana, SA)
Carmela Gabola (IC Don Milani-Linguiti Giffoni Valle Piana, SA)
Antonietta Cammarota (CEA)
The role of cognitive process in designing and constructing the national assessment of mathematics for primary school
Francesca Ferrara (University of Torino)
Stefania Pozio (INVALSI)
Room 2 – Teaching 4

Theme 9. Italian, Maths and English: teaching processes through INVALSI data and tools
Organizer: INVALSI
Coordinator: Valeria F. Tortora (INVALSI)

Connections and inferences to “unmask” the text: a vertical route
Anna Maria Moiso (La casa degli insegnanti)
Roberta Strocchio (La casa degli insegnanti)
Giuseppina Maria Sfasciamuro (Istituto Madre Mazzarello)

Beyond the sentence. The valential model, the complex phrase and Invalsi items
Alessio Trevisan (Istituto Madre Mazzarello)
Federica Ferrini (Istituto Madre Mazzarello)

The floor to the students: in-depth interviews on reading comprehension tests during the field trial
Antonella Vendramin (INVALSI)
Francesca Resio (INVALSI)
Antonella Mastrogiovanni (INVALSI)

A trip between Italian vertical curriculum and INVALSI data
Alessia leva (La casa degli insegnanti)
Alessio Trevisan (Istituto Madre Mazzarello)
Federica Ferrini (Istituto Madre Mazzarello)
Giuseppina Maria Sfasciamuro (Istituto Madre Mazzarello)

Implementation, improvement of INVALSI data, comparison with international OECD-PISA research for a European dimension of teaching
Pompea Funiati (IISS E. Ferdinando)
Lucia Funiati (IISS E. Ferdinando)

Students Preparing for an Invalsi Test: A Vertical Peer Education Experiment
Roberta Strocchio (La casa degli insegnanti)
Alessia leva (La casa degli insegnanti)
Anna Maria Moiso (La casa degli insegnanti)

Room 3 – Research 16

Theme 1. Session 1 - A difficult education: challenges of the school system to ensure social integration, skills/knowledge and social mobility
Organizer: INVALSI - ESPANET
Coordinator: Emmanuele Pavolini (ESPANET)

Starting the school year on the right foot. Effects of a summer learning program targeting low-performing students in Italy
Davide Azzolini (FBK-IRVAPP)
Martina Bazzoli (FBK-IRVAPP)
Sergiu C. Burlacu (FBK-IRVAPP)
Enrico Rettore (University of Padova)

The top, the bottom, and the average. The trinity of school ability peer effects in Italy and Norway
Emanuele Fedeli (University of Trento)
Solveig Topstad Borgen (University of Oslo)
Moris Triventi (University of Trento)

Assessing the educational inclusion of students with a migrant background. Italy and Spain
Giovanna Filosa (INAPP)
Patrizia Rinaldi (Universidad de Granada)

Grading standards across provinces revisited
Emanuele Fedeli (University of Trento)
Moris Triventi (University of Trento)
26th November: 9.30 - 11.30 a.m.

Room 1 – Teaching 5

Theme 10. School 2.0
Organizer: INVALSI
Coordinator: Chiara Tamanini (IPRASE)

INVALSI tests and gamification: some experimental incidences
Rossetti Luigi Umberto (Ipsar Le Streghe, Benevento)

Teachers’ beliefs concerning the role of AI in mathematics education
Camilla Spagnolo (Libera University of Bolzano)
Giorgio Bolondi (Libera University of Bolzano)

PLAY-INVALSI. Gamification through INVALSI questions
Silvia Servili (IC Centro San Benedetto del Tronto)
Chiara Saletti (IC MASACCIO, Firenze)
Ivan Graziani (IC SANTA SOFIA, Forlì-Cesena)

INVALSI and PNRR VS learning fragility and implicit dispersion - the necessity of a virtuous school system
Ileana Ogliari (IC Manfredini)
Andrea Guarnacci (IC Manfredini)
Mariarosaria Oreifice (IC Manfredini)

Learning goals related to the use of new technologies is measured also through INVALSI data
Alice Severi (ISIS Follonica)
Alessandra Marrata (ISIS Follonica)

Digital skills assessed with ICILS 2018
Paola Giangiacomo (INVALSI)
Monica Papini (INVALSI)
Valeria F. Tortora (INVALSI)

26th November: 2.00 - 3.30 p.m.

Room 1 – AUTHORS MEET CRITICS

Presentation of the book by Orazio Giancola e Luca Salmieri: Daniele Barca: La scuola dell’età dello tsunami, Giunti (Firenze 2023)
Organizer: INVALSI
Moderator: Elisa Chiriano (Insegnante, Ministero dell’Istruzione)
Attend: TO BE DEFINED

26th November: 4.00 - 6.30 p.m.

Room 1 – Teaching 6

Theme 9. Italian, Maths and English: teaching processes through INVALSI data and tools
Organizer: INVALSI
Coordinator: Paola Giangiacomo (INVALSI)

From concept to question: the revision of the INVALSI Teacher Questionnaire
Giuseppina Le Rose (INVALSI)
Doriane della Carri (INVALSI)
Francesca Leggi (INVALSI)

Outcomes and INVALSI questions, “strategic allies” for our school improvement
Giuseppina Maria Grazia Cardillo (I.C. J.F. Kennedy, Reggio Emilia)

INVALSI data to build a effective didactic approach and to realize a professional growth of the teacher
Alessandra De Angelis (Liceo Artistico G. Sello)
Maria Chirico (Istituto alberghiero di Brindisi)

The space that teaches: Laboratorium
Sebastiana Fisicaro (M.L.A.T.)

Teaching practices and improvement of learning
Lisia Piovano (IC di Città Sant’Angelo)
Room 2 – Teaching 7

Theme 12. From Self-Evaluation Report to Social Accountability: the value of INVALSI Data
Organizer: INVALSI

Coordinator: Michela Freddano (INVALSI)

The use INVALSI tests data for training, informing and improving
Paolo Barabanti (INVALSI)

The results of the INVALSI tests as a tool for strategic planning
Marianna Rasetta (IC di Loreto Aprutino)
Graziella Marrone (IC di Loreto Aprutino)
Marta Feliciani (IC di Loreto Aprutino)

INVALSI data: external and internal evaluation
Maria Carbone (Scuola Media “Ammendola-De Amicis”, NA)

School inclusion: special educational needs and students’ sense of belonging through IEA TIMSS data and the RAV
Francesco Annunziata (INVALSI)
Laura Palmerio (INVALSI)

Data and tools: sharing best practices
Maria Carbone (Scuola Media “Ammendola-De Amicis”, NA)