

V SEMINAR
“INVALSI DATA: A TOOL FOR TEACHING AND SCIENTIFIC RESEARCH”
PROGRAM

February 25th

- 10.30-11.00 **Room Enrico Fermi**
Introduction and greetings
Organizer: INVALSI
Coordinator: Patrizia Falzetti
Patrizia Falzetti (INVALSI)
Roberto Ricci (INVALSI)
- 11.00-13.00 **Room Enrico Fermi**
Plenary Session
Organizer: INVALSI
Chair: *Daniele Vidoni*
Invited Speaker: Andres Hernandez-Sandoval (Università di Bath), *An applied framework to measure indicators on education for sustainable development and global citizenship education with International Large-Scale Assessments.*
- 13.00-14.00 **Lunch**
- 14.00-16.00 **Parallel Sessions**
Room Margherita Hack – Research 1
Room Carlo M. Cipolla – Research 2
Room Margherita Beloch Piazzolla – Research 3
- 16.00-16.15 **Coffee break**
- 16.15-17.15 **Room Rita Levi-Montalcini**
Plenary Session
Organizer: INVALSI
Coordinator: *Gianluca Argentin*
Invited Speaker: Leslie Rutkowski (Indiana University Bloomington), *Technological innovations in international assessment: Savior? Curse? Both? Neither?*
- 17.15-19.30 **Parallel Sessions**
Room Manlio Rossi-Doria – Research 4
Room Cesarina Monti – Research 5
Room Loris Malaguzzi – Teaching 1
Room Giovanni Fabbroni – Workshop 1
Room Elisa Frauenfelder – Teaching 2

February 26th

- 8.30-10.30 **Parallel Sessions**
Room Maria Gaetana Agnesi – Research 6
Room Laura Bassi – Research 7
- 10.30-11.00 **Coffee break**
- 11.00-13.00 **Room Guglielmo Marconi**
Plenary Session
Organizer: INVALSI
Coordinator: *Emmanuele Pavolini*
Invited Speaker: Daniel Mujis (Ofsted), *Using data to guide policy and accountability: strengths and limitations.*
Invited Speaker: Tommaso Agasisti (Politecnico di Milano), *Learning Analytics for improving educational policies and practices: principles and examples*
- 13.00-14.00 **Lunch**
- 14.00-16.00 **Room Ernesto Teodoro Moneta**
Plenary Session
Organizer: INVALSI
Chair: *Anna Maria Ajello*
Invited Speaker: Tito Boeri (Università Bocconi di Milano), *School closure and educational attainments: the need for INVALSI data*
Invited Speaker: Emmanuele Pavolini (Università di Macerata), *To what extent does the education system limit social inequalities?*
- 16.00-16.15 **Coffee break**
- 16.15-18.30 **Parallel Sessions**
Room Federico Caffè – Research 8
Room Franco Archibugi – Research 9
Room Eva Mameli Calvino – Research 10
Room Lorenzo Mascheroni – Workshop 2
Room Mario Lodi – Teaching 3

February 27th

- 8.30-10.30 **Parallel Sessions**
Room Aldo Visalberghi – Teaching 4
Room Alberto Manzi – Teaching 5
Room Rosa e Carolina Agazzi – Teaching 6
Room Corrado Gini – Workshop 3
- 10.30-11.00 **Coffee break**

- 11.00-13.00 **Room Grazia Deledda**
Plenary Session
Organizer: INVALSI
Coordinator: *Patrizia Falzetti*
Invited Speaker: Anna Maria Ajello (INVALSI), *Fare scuola: in presenza e a distanza*
Invited Speaker: Roberto Ricci (INVALSI), *Il senso delle prove INVALSI ai tempi della pandemia*
- 13.00-14.00 **Lunch**
- 14.00-16.00 **Room Franco Modigliani**
Plenary Session
Organizer: INVALSI
Chair: *Patrizia Falzetti*
Invited Speaker: Valeria Fabretti e Christian Morabito (Save the children), *I dati e la ricerca sul campo: un supporto alla definizione di politiche pubbliche per il contrasto della povertà educativa e per la promozione dell'inclusione sociale di bambini/e e adolescenti*
Invited Speaker: Anna Ceci e Sabrina Lucatelli (Aree interne), *Territori e Strategie di sviluppo: costruzione e utilizzo di dati e indicatori sulla scuola*
- 16.00-16.15 **Coffee break**
- 16.15-18.30 **Parallel Sessions**
Room Maria Montessori – Teaching 7
Room Giuseppina Martinucci – Teaching 8
Room Lorenzo Milani – Teaching 9
Room Corrado Gini – Workshop 3

Research Session will be held in English language
Teaching Session will be held in Italian language

PROGRAM PARALLEL SESSIONS

February 25th: 14.00 - 16.00

Room Margherita Hack – Research 1

Theme 2. Learning analytics for improving the performance of students and institutions: methods, evidence and perspectives

Organizer: Politecnico di Milano - INVALSI

Coordinator: *Michele Cardone*

Some insights on the relationship between student performance and test-related emotional aspects

Maria Giulia Matteucci (Università di Bologna)

Stefania Mignani (Università di Bologna)

Giada Spaccapanico Proietti (Università di Bologna)

What Does Add Value? Conceptual and Methodological Considerations on School Value Added Models

Mara Soncin (Politecnico di Milano)

Tommaso Agasisti (Politecnico di Milano)

Chiara Masci (Politecnico di Milano)

The influence of non-effortful students behaviour on the school performance

Chiara Sacco (INVALSI)

Room Carlo M. Cipolla – Research 2

Theme 3. INVALSI data: a tool for improving teaching and for evaluating transversal skills

Organizer: INVALSI

Coordinator: *Ellen Claes*

The orthographic competence in the INVALSI tests

Maria G. Lo Duca (Università di Padova)

Zuzana Toth (INVALSI)

MEL Model for Literacy Education: Teacher education and professional development in literacy teaching

Tiziana Mascia (Libera Università di Bolzano)

The achievements in INVALSI National Surveys of students who have followed educational experimentations

Stefano Scippo (Università degli Studi di Roma "La Sapienza")

Room Margherita Beloch Piazzolla – Research 3

Theme 4. Student results and their characteristics

Organizer: INVALSI

Coordinator: *Giovanni Abbiati*

Digital and informative skills: the differences between students and the role of the school

Ornella Papa (INVALSI)

Rita Marzoli (INVALSI)

Sara Manganelli (INVALSI)

Perceived self-efficacy and use of new technologies: the personalization of learning for the improvement of the didactical strategies

Sara Mori (INDIRE)

Alessia Rosa (INDIRE)

Daniela Bagattini (INDIRE)

Jessica Niewint (INDIRE)

Gender difference in financial literacy and socialization: comparing Italy and Spain

Emanuela Emilia Rinaldi (Università degli studi di Milano Bicocca)

Luca Salmieri (Università degli Studi di Roma "La Sapienza")

Joaquin Vera Moros (Instituto Nacional de Evaluación Educativa)

Tackling the gender gap in Mathematics with active learning and teaching practices

Maria Laura Di Tommaso (Università degli Studi di Torino)

Daniela Piazzalunga (Università degli Studi di Torino)

e co-autrici

February 25th: 17.15 - 19.30

Room Manlio Rossi-Doria – Research 4

Theme 6. INVALSI data as a tool to support innovation and school improvement

Organizer: INVALSI

Coordinator: *Michele Cardone*

Use of INVALSI data for formative assessment activities in English teaching

Cecilia Fissore (Università di Torino)

Marina Marchisio (Università di Torino)

Educational and didactic practices and managerial and organizational practices: a comparative reading of the ravs of the Friuli Venezia Giulia region

Dina Veronese (I.C. Pordenone Sud)

Before data: Alignment, assessment of learning and INVALSI frames of reference

Serafina Pastore (Università degli Studi di Bari A. Moro)

Cataldo Scarnera (ISTAT)

Lucia Pallucca (Former school principal)

Student performance data-use: If you build it will they be used?

Serafina Pastore (Università degli Studi di Bari A. Moro)

Cataldo Scarnera (ISTAT)

Lucia Pallucca (Former school principal)

Room Cesarina Monti – Research 5

Theme 8. The role of teachers on student achievement

Organizer: INVALSI

Coordinator: *Gianluca Argentin*

Who is the preschool coordinator? Profile and tasks of this key role in the Italian preschool system

Cristina Stringher (INVALSI)

Maria Huerta (INVALSI)

The Mathematics Teachers Specialised Knowledge and the Gestinv Database: Pre-service teachers' professional development paths for the improvement of Mathematics teaching

George Santi (Libera Università di Bolzano)

Federica Ferretti (Università di Bologna)

Francesca Martignone (Università del Piemonte Orientale)

Teachers' Pedagogical Autonomy, Professional Development and Students' Digital Skills: New Evidence from Italy

Kalyan Kumar Kameshwara (University of Bath)

Nurullah Eryilmaz (University of Bath)

Andres Sandoval-Hernandez (University of Bath)

Do secondary school teachers grade female student more generously? A multilevel regression analysis on student-teacher matched data

Ilaria Lievore (Università degli Studi di Trento)

Room Loris Malaguzzi – Teaching 1

Theme 1. Inequality situations at school: detection methods and best practices for the solution

Theme 6. INVALSI data as a tool to support innovation and school improvement

Organizer: INVALSI

Coordinator: *Giorgio Cavadi*

Mathematics, learning and teacher training

Ester Valloreo (Istituto Omnicomprensivo di Città Sant'Angelo, Pescara)

Francesco Mammarella (Istituto Omnicomprensivo di Città Sant'Angelo, Pescara)

Roberta Franchi (Istituto Omnicomprensivo di Città Sant'Angelo, Pescara)

Ettore D'Agostino (Istituto Omnicomprensivo di Città Sant'Angelo, Pescara)

GeoSkills: a way to extend the application of INVALSI questions by including them in Geometriko

Leonardo Tortorelli (Liceo Scientifico "L. da Vinci" di Maglie, Lecce)

Nicola Chiriano (Liceo scientifico "Luigi Siciliani", Catanzaro)

Marianna Nicoletti (Istituto Sant'Alberto Magno, Bologna)

Emanuela Conte (I.C. "D. Alighieri - A. Diaz", Lecce)

A training path on linguistic and text comprehension difficulties in INVALSI Mathematics texts

Stefania Pancanti (Istituto di Istruzione Superiore "Da Vinci – Fascetti", Pisa)

Lesson Study and teacher training: lesson plan starting from INVALSI test results

Roberto Capone (Università di Salerno)

Maria Giuseppina Adesso (Università di Salerno)

Oriana Fiore (Liceo Polivalente "Imbriani", Avellino)

A good practice of inclusive teaching in an intersectional perspective

Giovanna Filosa (INAPP)

Maria Parente (INAPP)

Room Giovanni Fabbroni – Workshop 1

Advanced Secondary Analysis of Large-scale Assessments in Education: A Discussion of Methods

Organizer: Andres Sandoval-Hernandez

Coordinator: *Andres Sandoval-Hernandez*

Introduction to ILSA data

Andres Sandoval-Hernandez (University of Bath)

Session 1:

Preparing ILSA data for Mplus

Diego Carrasco (Centro de Medición MIDE UC, Pontificia Universidad Católica)

Daniel Miranda (MIDE UC, Pontificia Universidad Católica de Chile)

Illustrations (e.g. sampling weights, missing data) with ICCS 2016 international and Italian data

Session 2:

Example of Latent Class Analysis

Diego Carrasco (Centro de Medición MIDE UC, Pontificia Universidad Católica)

Illustrations with ICCS 2016 international and Italian data on citizenship norms in Mplus

Session 3:

Example of Structural Equation Models

Daniel Miranda (MIDE UC, Pontificia Universidad Católica de Chile)

Illustrations with ICCS 2016 international and Italian data on political participation in Mplus

Pamela Inostroza Fernández (Moderatore)

Room Elisa Frauenfelder – Teaching 2

Theme 8. The role of teachers on student achievement

Organizer: INVALSI

Coordinator: *Antonella Mastrogiovanni*

Some reflections on the transformations of the didactic setting
Gianluca Valle (Liceo Statale “Gelasio Caetani”, Roma)

How students live Mathematics: the point of view of teachers
Michela Freddano (INVALSI)
Ivan Graziani (Istituto Comprensivo di Santa Sofia, Forlì-Cesena)
Stefano Babini (Liceo Artistico Statale “P. Toschi”, Parma)

February 26th: 08.30 - 10.30

Room Maria Gaetana Agnesi – Research 6

Theme 1. Inequality situations at school: detection methods and best practices for the solution

Organizer: ESPANET-INVALSI

Coordinator: *Emmanuele Pavolini*

Distance teaching and prevention of school drop-out: a survey in the city of Palermo during the lockdown for Covid19

Liliana Leone (CEVAS)

Lino D'Andrea (Garante per l'Infanzia e l'Adolescenza, Palermo)

The Covid-19 school closure and Math learning inequalities in primary school in the Torino province (MATGAP)

Maria Laura Di Tommaso (Università degli Studi di Torino)

Lucia Schiavon (Università degli Studi di Torino)

e co-autrici

The INVALSI data: a source to analyze Italian digital divide

Lorenzo Maraviglia (Provincia di Lucca)

The geography of educational inequalities in Italy: Mapping territorial variations in INVALSI test by parental education

Risto Conte Keivabu (Istituto Universitario Europeo)

Fabrizio Bernardi (Istituto Universitario Europeo)

Room Laura Bassi – Research 7

Theme 5. Models and methods applied to INVALSI data

Organizer: INVALSI

Coordinator: *Daniele Vidoni*

Do schools have the same probability of adding value to competencies possessed by their students at the entrance?

Angela Martini (INVALSI)

Chiara Sacco (INVALSI)

How much do Italian 15-year-olds' skills improve over one year of schooling?

Francesco Avvisati (OECD)

Nathan Viltard (Ecole Normale Supérieure, Paris)

The Eye-tracking and the INVALSI tests: an idiographic study on the resolution paths of mathematical tasks

Camilla Spagnolo (Libera Università di Bolzano)

Roberto Capone (Università di Salerno)

Christian Casalvieri (Università degli Studi di Roma “La Sapienza”)

Alessandro Gambini (Università degli Studi di Roma “La Sapienza”)

February 26th: 16.15 – 18.30

Room Federico Caffé – Research 8

Theme 1. Inequality situations at school: detection methods and best practices for the solution

Organizer: ESPANET-INVALSI

Coordinator: *Emmanuele Pavolini*

Ethnic concentration and diversity in Italian primary schools

Emanuele Fedeli (Università degli Studi di Trento)

Moris Triventi (Università degli Studi di Trento)

Private and public high schools in Italy: INVALSI tests results and management bodies of the schools

Angela Martini (INVALSI)

Andrea Bendinelli (INVALSI)

Do fiscal restraints harm test scores? Evidence from Italy

Caterina Pavese (Università Ca' Foscari, Venezia)

Enrico Rocco Rubolino (University of Essex)

Intercultural Competences for confronting inequalities and discrimination at school

Agostino Portera (Università degli Studi di Verona)

Room Franco Archibugi – Research 9

Theme 4. Student results and their characteristics

Organizer: INVALSI

Coordinator: *Daniel Miranda*

Ability composition in the class and the school performance of immigrant students

Caterina Pavese (Università Ca' Foscari, Venezia)

Elena Meschi (Università Milano Bicocca)

Territories and educational poverty: differences and characteristics in the Italian provinces

Barbara Baldazzi (ISTAT)

The influence of socio-economic-cultural background on academic results in the INVALSI tests of Italian language and Mathematics in two southern regions: Puglia and Abruzzo

Sergio Di Sano (Università degli Studi G. d'Annunzio, Chieti-Pescara)

Caterina Balenzano (Università degli Studi di Bari)

The roots of educational inequality in Italy: A machine learning approach to analyse geographical differences in the role of students' social background

Moris Triventi (Università degli Studi di Trento)

Paolo Brunori (Università degli Studi di Firenze)

Wait or hurry? The effects of the early school enrolment on the school outcomes of Italian students

Giovanni Abbiati (Università degli Studi di Milano)

Room Eva Mameli Calvino – Research 10

Theme 3. INVALSI data: a tool for improving teaching and for evaluating transversal skills

Organizer: INVALSI

Coordinator: *Stefania Mignani*

An exploratory study on the connection between INVALSI assessment and Mathematics teaching and learning processes at the Primary School level

Eleonora Faggiano (Università degli Studi di Bari)

Annarita Monaco (I.C. "Francesca Morvillo", Roma)

Ottavio G. Rizzo (Università degli Studi di Milano)

Valentina Vaccaro (INVALSI)

Difficulty perception in answering argumentative INVALSI tests: a qualitative study
Camilla Spagnolo (Libera Università di Bolzano)
Marta Saccoletto (Istituto di Istruzione Superiore "Cesare Balbo" di Casal Monferrato, Alessandria)

Students' reasoning on the grammar questions in the INVALSI tests
Zuzana Toth (INVALSI)

Room Lorenzo Mascheroni – Workshop 2

Using Results of Secondary Analysis of Large-scale Assessments in Education to Inform Educational Policy
Organizer: Maria Magdalena Isac
Coordinator: *Maria Magdalena Isac*

Introduction to research for policy with ILSA data
Maria Magdalena Isac (Katholieke Universiteit, Leuven)

Session 1:
Features of successful policy briefs
David Rutkowski (Indiana University)

Session 2:
Example of a policy brief for the IEA Compass: Briefs in Education situated in the European context
Ellen Claes (Katholieke Universiteit, Leuven)

Session 3:
Example of a policy brief for the IEA Compass: Briefs in Education situated in the Latin-American context
Ernesto Treviño (Pontificia Universidad Católica de Chile)

Session 4:
Example of a policy document for UNESCO's Global Alliance to Monitor Learning focused on a measuring strategy for SDG 7.4 using ILSA data
Andres Sandoval-Hernandez (University of Bath)

Pamela Inostroza Fernández (Moderator)

Room Mario Lodi – Teaching 3

Theme 3. INVALSI data: a tool for improving teaching and for evaluating transversal skills
Organizer: INVALSI
Coordinator: *Alessia Mattei*

Studying the relationship between the students' incorrect answers and their proficiency levels
Francesca Ferrara (Università degli Studi di Torino)
Stefania Pozio (INVALSI)

Symmetry in primary school
Valentina Barucci (Università degli Studi di Roma "La Sapienza")
Antonella Marconi (I.C. "Giovanni Falcone" di Grottaferrata, Roma)

The INVALSI tests of Mathematics: materials for the construction of entry tests
Rossella Garuti (INVALSI)
Nicoletta Nolli (INVALSI)

February 27th: 08.30 – 10.30

Room Aldo Visalberghi – Teaching 4

Theme 2. Learning analytics for improving the performance of students and institutions: methods, evidence and perspectives

Theme 7. CBT tests and learning analysis

Organizer: INVALSI

Coordinator: Saeda Pozzi

Non-cognitive skills: a network experience

Luigi Umberto Rossetti (IPSAR "Le Streghe", Benevento)

Lucia Scotto di Clemente (Liceo Statale "P.E. Imbriani", Avellino)

Maria Di Benedetto (Liceo scientifico "Tito Lucrezio Caro", Napoli)

The effects of distance learning on the teaching and learning of Mathematics in the fourth classes of a primary school

Maria Francesca Ambrogio (Istituto Comprensivo di Santena, Torino)

Room Alberto Manzi – Teaching 5

Theme 6. INVALSI data as a tool to support innovation and school improvement

Coordinator: Cristina Stringher

What improvement actions? Motivated strategic choices and their monitoring

Daniela Nuzzo (Liceo classico e musicale "Giuseppe Palmieri", Lecce)

Improve to evaluate Network project - Ministerial Decree 851/2017-Article 33 "Evaluation of Students in 1st Cycle Schools"

Ornella Campo (Liceo Scientifico "Fermi", Ragusa)

Giorgio Cavadi (USR Sicilia)

Marinella Pitino (I.C. "Berlinguer", Ragusa)

A quantitative study on distance teacher training using INVALSI data

Camilla Spagnolo (Libera Università di Bolzano)

Giorgio Bolondi (Libera Università di Bolzano)

Rita Giglio (Liceo "Marzolla-Leo-Simone-Durano", Brindisi)

Sabrina Tiralongo (ForMATH Project S.r.l)

Room Rosa e Carolina Agazzi – Teaching 6

Theme 3. INVALSI data: a tool for improving teaching and for evaluating transversal skills

Organizer: INVALSI

Coordinator: Stefania Pozio

"Making room" for numbers on the number line

Francesca Ferrara (Università degli Studi di Torino)

Giulia Ferrari (Università degli Studi di Torino)

Ketty Savioli (IC Chieri III, Torino)

Adam & Eve in Mathematics: myths, stereotypes and beliefs. But is it all true?

Ivan Graziani (Istituto Comprensivo di Santa Sofia, Forlì-Cesena)

Stefano Babini (Liceo Artistico Statale "P. Toschi", Parma)

Chiara Saletti (I.C. "Masaccio", Firenze)

Me and Mathematics: validation of a questionnaire to evaluate metacognitive factors related to Mathematics at the beginning of secondary school

Chiara Giberti (Università degli Studi di Bergamo)

Marianna Nicoletti (Istituto Sant'Alberto Magno, Bologna)

Giorgio Bolondi (Libera Università di Bolzano)

Developing basic mathematical skills and transversal skills starting from INVALSI questions

Chiara Giberti (Università degli Studi di Bergamo)

Marta Saccoletto (Istituto di Istruzione Superiore "Cesare Balbo" di Casal Monferrato, Alessandria)

Michela Testa (Università degli Studi di Bergamo)

Room Corrado Gini – Workshop 3 (parte 1)

Agenda 2030: survey on Sustainable Development Goals through INVALSI data

Organizer: INVALSI

Coordinator: *Barbara Baldazzi*

Territorial inequalities in education: some aspects related to the territory

Emiliano Campodifiori (INVALSI)

Patrizia Falzetti (INVALSI)

Michele Marsili (INVALSI)

Doing school but not at school: territorial peculiarities and socio-economic inequalities in access to distance learning

Cecilia Bagnarol (INVALSI)

Silvia Donno (INVALSI)

Veronica Riccardi (INVALSI)

Gender gap: a trend analysis from low to high secondary school

Andrea Bendinelli (INVALSI)

Michele Cardone (INVALSI)

Patrizia Falzetti (INVALSI)

Math gender gap according to socio-economic background in Italy: the better the conditions the larger the gap?

Cecilia Bagnarol (INVALSI)

Patrizia Giannantoni (INVALSI)

Veronica Pastori (INVALSI)

27 Febbraio: 16.15 – 18.30

Room Maria Montessori – Teaching 7

Theme 3. INVALSI data: a tool for improving teaching and for evaluating transversal skills

Organizer: INVALSI

Coordinator: *Michela Freddano*

From INVALSI data to cinema language. An online innovative path during the lockdown, searching new strategies for a more effective teaching method

Daniela Ruffolo (Direzione Didattica di Giffoni Valle Piana, Salerno)

INVALSI standardized assessments and Distance Learning: educational paths in a formative perspective

Chiara Giberti (Università degli Studi di Bergamo)

Antonella Castellini (Retired teacher)

Federica Ferretti (Università di Bologna)

INVALSI data: a laboratory for orientation

Ileana Ogliari (Istituto Comprensivo Manfredini Pontinia, Latina)

Andrea Guarnacci (Istituto Comprensivo Manfredini Pontinia, Latina)

Mariarosaria Orefice (Istituto Comprensivo Manfredini Pontinia, Latina)

Skills objective

Annamaria Romano (I.C. Perugia 6)

Giovanni Pucciarini (I.C. Perugia 6)

Room Giuseppina Martinucci – Teaching 8

Theme 8. The role of teachers on student achievement

Organizer: INVALSI

Coordinator: *Francesca Ferrara*

Duties and honors. Professionalism in teaching and appropriate didactic choices

Daniela Nuzzo (Liceo classico e musicale "Giuseppe Palmieri", Lecce)

Maria Teresa Capone (Circolo Didattico "Vincenzo Ampolo" di Surbo, Lecce)

Let's learn with Ghiandina

Maria Brutto (I.C. "Giuseppe Bianco" di Sersale, Catanzaro)

What Italian secondary school teachers tell us about teaching in a mixed language classroom; Implications for future teachers

Gustavo Lanata (University of Bath)

Room Lorenzo Milani – Teaching 9

Theme 4. Student results and their characteristics

Organizer: INVALSI

Coordinator: *Angela Martini*

#Ita L2 Network project: "Italian for foreigners: a language for study"

Daniela Mercante (Istituto Comprensivo "Portella della Ginestra" di Vittoria, Ragusa)

Marinella Pitino (I.C. "Berlinguer", Ragusa)

Are the INVALSI tests useful in changing approach to language implementation in the school system? The evidence of Italian schools using Slovene language as first school language in Friuli Venezia Giulia region

Elisabetta Kovic (USR Friuli Venezia Giulia)

Alessia Cividin (USR Friuli Venezia Giulia)

Study of the performance of students from the Marche region in Mathematics (Grade 2-5-8-10-13) in the five-year period from the s. y. 2013-14 to the s.y. 2018-19 with reference to parameters such as gender, origin and regularity

Carmina Laura Giovanna Pinto (USR Marche)

Anna Laura Gasperat (USR Marche)

Strategies for better or for worse, with progressive skills, for the resolution of questions INVALSI

Ivan Graziani (Istituto Comprensivo di Santa Sofia, Forlì-Cesena)

Stefano Babini (Liceo Artistico Statale "P. Toschi", Parma)

Room Corrado Gini – Workshop 3 (parte 2)

Agenda 2030: survey on Sustainable Development Goals through INVALSI data

Organizer: INVALSI

Coordinator: *Barbara Baldazzi*

Immigrant performance towards reading in OECD PISA 2018

Paola Giangiacomo (INVALSI)

Valeria F. Tortora (INVALSI)

INVALSI tests and the Italian territory: a comparison between native and foreign students of grade 8

Jana Kopečna (INVALSI)

Francesca Leggi (INVALSI)

Maria Carmela Russo (INVALSI)

Targeting students with high risk of dropping out of school: a latent profile analysis

Giuseppina Le Rose (INVALSI)

Chiara Sacco (INVALSI)

