

# VII SEMINAR “INVALSI DATA: A TOOL FOR TEACHING AND SCIENTIFIC RESEARCH” PROGRAMME

**27<sup>th</sup> October**

- 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:** Magda Bianco (Banca d'Italia)  
**Invited Speaker:** Kristof De Witte (KU Leuven), *The use of digital tools to deal with classroom diversity, improve student behavior and stimulate parental involvement. Evidence from randomized controlled trials in financial literacy education.*
- 12.00 p.m. - 1.00 p.m.     **Room 1**  
**Plenary Session**  
**Panel Discussion - Research**  
*Empirical evidence as an educational policy tool*  
**Moderator:** Daniele Vidoni (Policy Officer – European Commission, DG Competition)  
**Speakers:**  
*Roberto Ricci (President of INVALSI)*  
*Sabine Meinck (IEA Co-Head of Research and Analysis Unit & Head of the Sampling Unit, Hamburg, Germany)*  
*Leslie Rutkowski (Professor of Qualitative and Quantitative Research Methodology, Indiana University, USA)*  
*Hermann J. Abs (Professor for Educational Research and Schooling at the University of Duisburg-Essen, Germany)*  
*Ernesto Trevino (Professor of Education, Pontificia Universidad Católica de Chile, Chile)*
- 1.00 - 2.00 p.m.     **Lunch**
- 2.00 - 4.00 p.m.     **Parallel Sessions**  
Room 1 – Research 1  
Room 1b – Research 2  
Room 3 – Research 3  
Room 4 – Workshop (1<sup>st</sup> part)
- 4.00 - 4.30 p.m.     **Coffee break**
- 4.30 - 6.30 p.m.     **Parallel Sessions**  
Room 1 – Authors Meet Critics (1h)  
Room 1b – Research 4  
Room 3 – Research 5  
Room 4 – Workshop (2<sup>nd</sup> part)

## 28<sup>th</sup> October

- 9.30 - 11.30 a.m. **Parallel Sessions**  
Room 1 – Research 6  
Room 2 – Research 7
- 11.30 - 12.00 p.m. **Coffee break**
- 12.00 p.m. - 1.00 p.m. **Room 1**  
**Plenary Session**  
**Organizer:** INVALSI  
**Chair:** Patrizia Falzetti (Director of the Evaluation Research Division, INVALSI)  
**Invited Speaker:** Monica Pratesi (ISTAT), *Educational poverty: a challenge for public statistics*
- 1.00 - 2.00 p.m. **Lunch**
- 2.00 - 4.00 p.m. **Parallel Sessions**  
Room 1 – Research 8  
Room 1b – Research 9  
Room 2 – Research 10  
Room 3 – Research 11
- 4.00 - 4.30 p.m. **Coffee break**
- 4.30 - 6.30 p.m. **Parallel Sessions**  
Room 1 – Authors Meet Critics (1h)  
Room 2 – Research 12  
Room 3 – Research 13
- 8.00 p.m. **Social Dinner**

## 29<sup>th</sup> October

- 9.30 - 11.30 a.m. **Parallel Sessions**  
Room 1 – Research 14  
Room 2 – Teaching 1  
Room 3 – Teaching 2
- 11.30 - 12.00 p.m. **Coffee break**
- 12.00 p.m. - 1.00 p.m. **Room 1**  
**Plenary Session**  
**Organizer:** INVALSI  
**Chair:** Daniele Vidoni (Policy Officer – European Commission, DG Competition)  
**Invited Speaker:** David Rutkowski (Indiana University), *Causal Inference with International Assessments: Not Yet But Maybe Someday*
- 1.00 - 2.00 p.m. **Lunch**
- 2.00 - 4.00 p.m. **Parallel Sessions**  
Room 1 – Panel Discussion Teaching

*INVALSI tests: a public resource for research and teaching. Internal and external evaluation convergence of objectives*

Room 2 – Teaching 3

Room 3 – Teaching 4

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

4.30 - 6.30 p.m. **Parallel Sessions**

Room 1 – Authors Meet Critics (1h)

Room 2 – Teaching 5

Room 3 – Teaching 6

### **30<sup>th</sup> October**

9.30 - 11.30 a.m. **Parallel Sessions**

Room 1 – Teaching 7

Room 2 – Teaching 8

Room 3 – Teaching 9

11.30 - 12.00 p.m. **Coffee break**

12.00 p.m. - 1.00 p.m. **Room 1**

**Plenary Session**

**Organizer:** INVALSI

**Chair:** Patrizia Falzetti (Director of the Evaluation Research Division, INVALSI)

**Invited Speaker:** Roberto Ricci (President of INVALSI), *INVALSI data for the improvement*

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

2.00 - 4.00 p.m. **Parallel Sessions**

Room 1 – Teaching 10

Room 2 – Teaching 11

Room 3 – Teaching 12

*Research Session will be held in English language*

*Teaching Session will be held in Italian language*

## PARALLEL SESSIONS PROGRAMME

**27<sup>th</sup> October: 2.00 - 4.00 p.m.**

### **Room 1 Annamaria – Research 1**

**Theme 4. Financial literacy and human capital - skills for economic citizenship**

**Organizer: INVALSI - Banca D'Italia**

**Coordinator: Daniela Marconi (Banca d'Italia)**

The effectiveness of the Financial Education in Schools project of the Bank of Italy: preliminary evidence

*Alessio D'Ignazio (Banca D'Italia)*

*Tommaso Agasisti (Politecnico di Milano)*

*Angela Romagnoli (Banca D'Italia)*

*Gabriele Iannotta (Politecnico di Milano)*

A, B, or C? Question format and the gender gap in financial literacy

*Maddalena Davoli (Università di Zurigo)*

The effects of online financial education on student achievement: evidence from a randomized trial

*Emilio Barucci (Politecnico di Milano)*

*Tommaso Agasisti (Politecnico di Milano)*

*Marta Cannistrà (Politecnico di Milano)*

*Mara Soncin (Politecnico di Milano)*

Gen Z, personality traits and sustainability: an econometric investigation

*Giovanna Paladino (Intesa San Paolo)*

*Luciano Canova (Scuola Enrico Mattei)*

### **Room 1b Annamaria – Research 2**

**Theme 2. Different sources of data and their integration: policy indicators for the education system training**

**Organizer: INVALSI - ISTAT**

**Coordinator: Barbara Baldazzi (ISTAT)**

Exploring the predictive power of standardized and non-standardized evaluations on Italian university freshpeople's performance

*Gabriele Lombardi (Università di Firenze)*

*Giulio Ghellini (Università degli di Siena)*

School, distance learning and competence levels: differences by territory

*Barbara Baldazzi (ISTAT)*

*Claudia Busetti (ISTAT)*

*Silvia Montecolle (ISTAT)*

Not only privacy. Costs and benefits related to the introduction of more restrictive criteria in the dissemination of elementary data

*Lorenzo Maraviglia (INVALSI)*

### **Room 3 Ludovica - Research 3**

**Theme 7. The Covid-19 pandemic and the effects on school results**

**Organizer: INVALSI**

**Coordinator: Andres Sandoval Hernández (Università di Bath)**

The impact of the COVID-19 pandemic on students' achievements

*Lucia Schiavon (Università di Torino – Child Collegio Carlo Alberto)*

*Dalit Contini (Università di Torino)*

*Daniela Piazzalunga (Università degli Studi di Trento)*

*Caterina Muratori (Università di Torino – Child Collegio Carlo Alberto)*

Mitigating effects of school closures: learning from the Response to Educational Disruption Survey (REDS)

*Sabine Meinck (IEA)*

*Rolf Strietholt (IEA)*

*Julian Fraillon (IEA)*

The REDS results for Slovenia and how they could be informative to Italian context

*Eva Klemencic Mirazchiyski (Educational Research Institute)*

Longitudinal predictors of mathematics achievement at the end of upper secondary school in the COVID-19 era: a cohort analysis on INVALSI data

*Marta Desimoni (INVALSI)*

*Rosalba Ceravolo (INVALSI)*

*Cristina Lasorsa (INVALSI)*

*Alessia Mattei (INVALSI)*

## **Room 4 Olga – Workshop 1st part**

**Analyzing large-scale assessment data using R-package RALSA**

**Organizer: INVALSI**

**Coordinator: Dr. Plamen Mirazchiyski (INERI)**

Event reserved for a maximum of 25 participants upon registration

**27<sup>th</sup> October: 4.30 - 6.30 p.m.**

## **Room 1 Annamaria – AUTHORS MEET CRITICS (1h)**

**Presentation of the book by Andrea Gavosto: La scuola bloccata, Laterza (2022)**

**Organizer: INVALSI**

**Moderator: Elisa Chiriano (Insegnante, Ministero dell'Istruzione)**

**Attend:**

*Serafina Pastore (Professoressa associata, Università di Bari)*

*Alessandra Cenerini (Presidente nazionale ADI, Associazione Docenti e Dirigenti scolastici Italiani)*

*Maria Francesca Cellai (Consigliera INDIRE)*

## **Room 1b Annamaria – Research 4**

**Theme 11. Evaluation of public policies in the education system**

**Organizer: INVALSI**

**Coordinator: Loris Vergolini (Università di Bologna)**

The effect of classroom size on cognitive and non-cognitive skills: The Italian case

*Emanuele Fedeli (Università di Trento)*

Local Public Investment and Students' performance

*Francesco Filippucci (Paris School of Economics)*

*Jacopo Bassetto (IAB)*

A counterfactual approach to the evaluation of school policies: methods and models of analysis

*Andrea Bendinelli (INVALSI)*

*Michele Cardone (INVALSI)*

## **Room 3 Ludovica – Research 5**

**Theme 6. Students: characteristics and peculiarities**

**Theme 12. Learning environments and student outcomes**

**Organizer: INVALSI**

**Coordinator: Paolo Barabanti (INVALSI)**

Measuring and Explaining School Performance: Evidence on School Value-Added Models

*Mara Soncin (Politecnico di Milano)*

*Tommaso Agasisti (Politecnico di Milano)*

*Chiara Masci (Politecnico di Milano)*

Students' growth and future performances: evidence to support the development of early warning systems in primary schools

*Melisa Diaz Lema (Politecnico di Milano)*

*Tommaso Agasisti (Politecnico di Milano)*

*Chiara Masci (Politecnico di Milano)*

*Mara Soncin (Politecnico di Milano)*

Gender gap and STEM degrees: a climbing road for girls

*Patrizia Giannantoni (INVALSI)*

*Patrizia Falzetti (Director of the Evaluation Research Division, INVALSI)*

Analysis of students' performances using joint distribution of response accuracy and response time: an application to the INVALSI data

*Stefania Mignani (Università di Bologna)*

*Luca Bungaro (Università di Bologna)*

*Marta Desimoni (INVALSI)*

*Mariagiulia Matteucci (Università di Bologna)*

## **Room 4 Olga – Workshop 2<sup>nd</sup> part**

**Analyzing large-scale assessment data using R-package RALSA**

**Organizer: INVALSI**

**Coordinator: Dr. Plamen Mirazchiyski (INERI)**

Event reserved for a maximum of 25 participants upon registration

## **28<sup>th</sup> October: 9.30 - 11.30 a.m.**

### **Room 1 Annamaria – Research 6**

**Theme 1. Early school leaving between analysis of the phenomenon and projects aimed at countering it**

**Organizer: INVALSI - Espanet**

**Coordinator: Emmanuele Pavolini (Università di Macerata)**

Short-term effects of an education savings program to tackle school dropout

*Davide Azzolini (Fondazione Bruno Kessler)*

*Loris Vergolini (Università di Bologna)*

A predictive model of school failure

*Michele Marsili (INVALSI)*

*Patrizia Falzetti (Director of the Evaluation Research Division, INVALSI)*

Measuring early school leaving at a sub-regional territorial detail: working hypotheses

*Massimo Armenise (ISTAT)*

*Barbara Baldazzi (ISTAT)*

### **Room 2 Giulia – Research 7**

**Theme 14. International large-scale assessments (ILSAs) methods and results**

**Organizer: INVALSI**

**Coordinator: Maria Magdalena Isac (KU Leuven)**

Identify effective teaching practices from TIMSS 2019 to address educational inequalities: a further analysis in Italy

*Zhijun Chen (University of Bath)*

*Andres Sandoval Hernandez (University of Bath)*

Side effects of large-scale assessments in teacher assessment conceptions and practices

*Serafina Pastore (Professoressa associata, Università di Bari)*

The Origins of Trust in Order and Representative Institutions among Adolescents across 15 European Countries

*Linde Stals (KU Leuven)*

*Ziemes Johanna (Università di Duisburg-Essen)*

*Patterns of Missing Education Data for SDG 4*

*Daniel Shephard (NORRAG, Geneva & Columbia University, NYC)*

## **28<sup>th</sup> October: 2.00 - 4.00 p.m.**

### **Room 1 Annamaria – Research 8**

**Theme 8. Methods and models applicable to school systems**

**Organizer: INVALSI**

**Coordinator: Lorenzo Maraviglia (INVALSI)**

Schools's performance and the role of principals' managerial practices

*Anna Mergoni (KU Leuven)*  
*Ana Camanho (Università di Porto)*  
*Mara Soncin (Politecnico di Milano)*  
*Tommaso Agasisti (Politecnico di Milano)*

How ready are Italian teachers for the challenge of digital innovation? A fuzzy approach for measuring digital readiness

*Sergio Longobardi (Università di Napoli " Parthenope")*  
*Antonella D'Agostino (Università di Napoli " Parthenope")*  
*Giulio Ghellini (Università di Siena)*  
*Laura Neri (Università di Siena)*

An exploratory study on the connection between teachers' training and meta-didactical conflict

*Camilla Spagnolo (Libera Università di Bolzano)*  
*Valentina Vaccaro (INVALSI)*  
*Eleonora Faggiano (Università "Aldo Moro" di Bari)*

## **Room 1b Annamaria – Research 9**

**Theme 3. School and inequality: contrast and reproduction**

**Organizer: INVALSI – Università di Milano Bicocca**

**Coordinator: Gianluca Argentin (Università di Milano Bicocca)**

Social background inequality in academic track enrolment: How the role of individual competencies, teachers and family decisions varies across contexts

*Moris Triventi (Università di Trento)*  
*Emanuele Fedeli (Università di Trento)*

The Voice of Students, Parents and Teachers: the hermeneutics of Data for a school as a Learning Organization

*Antonio Piscopo (Teach For Italy)*

School segregation in Italy: a longitudinal study using INVALSI data

*Giovanni Abbiati (Università di Brescia)*  
*Gabriele Ballarino (Università Statale di Milano)*

Hard times, bad students? The effects of technological change on educational outcomes

*Paolo Agnolin (Università Commerciale L. Bocconi)*

## **Room 2 Giulia – Research 10**

**Theme 14. International large-scale assessments (ILSAs) methods and results**

**Organizer: INVALSI**

**Coordinator: Maria Magdalena Isac (KU Leuven)**

Addressing two methodological challenges when students rate their classroom discussion

*Diego Carrasco (Pontificia Universidad Católica de Chile)*

Attitudes toward gender equality among Italian 8th-grade students. An analysis of its distribution and shaping process using IRT and Zero-Inflated Models

*Natalia López-Hornickel (University of Bath)*  
*Diego Carrasco (Pontificia Universidad Católica de Chile)*  
*Andrés Sandoval-Hernández (University of Bath)*

Youth dispositions to participate in disruptive political actions across countries and years: the gender and socioeconomic's gap in unequal contexts

*Daniel Miranda (Pontificia Universidad Católica de Chile)*  
*Juan Carlos Castillo (Universidad de Chile)*

Citizenship norms in early adolescents. An historical-comparative analysis of 46 countries (1999- 2016)

*Cristobal Villalobos (Pontificia Universidad Católica de Chile)*  
*Diego Carrasco (Pontificia Universidad Católica de Chile)*  
*Catalina Miranda (Pontificia Universidad Católica de Chile)*  
*Ernesto Treviño (Pontificia Universidad Católica de Chile)*

## **Room 3 Ludovica – Research 11**

**Theme 13. Self-Evaluation Report (RAV) and INVALSI Data for the Self-Evaluation of Italian Schools**

**Organizer: INVALSI**

**Coordinator: Michela Freddano (INVALSI)**

Achievement and self-evaluation questionnaires: a tool for school improvement

*Marilena Salsano (Istituto Omnicomprensivo "Mormanno", CS)*

The INVALSI training course towards the CPIAs for the system implementation of RAV: an example of reflective circularity between theory and practice

*Michela Freddano (INVALSI)*

*Daniela Torti (INVALSI)*

Analysis of student needs and personalisation of learning: tools and strategies for self-Evaluation and instructional design

*Sara Mori (INDIRE)*

*Alessia Rosa (INDIRE)*

*Jessica Niewint (INDIRE)*

Who are Italian preschool teachers? Provisional answers from data of the Italian national experimentation of the preschool self-evaluation report format

*Cristina Stringher (INVALSI)*

## **28<sup>th</sup> October: 4.30 - 6.30 p.m.**

### **Room 1 Annamaria – AUTHORS MEET CRITICS (1h)**

**Presentation of the book by Damiano Previtali: *La scuola mediterranea, Il Mulino (2022)***

**Organizer: INVALSI**

**Moderator:** *Elisa Chiriano (Insegnante, Ministero dell'Istruzione)*

**Attend:**

*Annamaria Ajello (Già Presidente INVALSI)*

*Giorgio Cavadi (Dirigente scolastico CPIA Palermo 2)*

*Daniele Barca (Dirigente scolastico IC 3 Modena e Membro del CdA Fondazione per la Scuola San Paolo)*

### **Room 2 Giulia – Research 12**

**Theme 14. International large-scale assessments (ILSAs) methods and results**

**Organizer: INVALSI**

**Coordinator: Falk Brese (IEA)**

Immigrants and school achievement levels in Italy

*Kalyan Kumar Kameshwara (University of Bath)*

*Andres Sandoval Hernandez (University of Bath)*

Young People's views on Democracy in Europe and Latin America

*Claes Ellen (KU Leuven University Belgium)*

*Dimokritos Kavadias (Università di Bruxelles)*

*Treviño Ernesto (Pontificia Universidad Católica de Chile)*

What do adolescents know about democratic systems: A comparative analysis among 24 countries

*Catalina Miranda (Pontificia Universidad Católica de Chile)*

*Diego Carrasco (Pontificia Universidad Católica de Chile)*

*David Torres Iribarra (Pontificia Universidad Católica de Chile)*

*Ernesto Treviño (Pontificia Universidad Católica de Chile)*

Improving student learning using large-scale assessments and Automatic Item Generation

*Citlalli Sanchez-Alvarez (Universidad autonoma dr Baja California)*

### **Room 3 Ludovica – Research 13**

**Theme 7. The Covid-19 pandemic and the effects on school results**

**Organizer: INVALSI**

**Coordinator: Daniele Vidoni (Policy Officer – European Commission, DG Competition)**

Learning Loss and Students' Social Origins During the Covid-19 Pandemic in Italy

*Nicola Bazoli (FBK-IRVAPP)*

*Loris Vergolini (Università di Bologna)*

*Antonio Schizzerotto (Università di Trento)*

*Sonia Marzadro (FBK-IRVAPP)*

Predicting learning achievements in the COVID-19 era and before it: a two-cohorts retrospective study

*Marta Desimoni (INVALSI)*

*Michela Milioni (INVALSI)*

*Donatella Papa (INVALSI)*

*The effect of Covid-19 school closure on students' achievement: The case of Italy*

*Alice Bertolotti (European Commission - JRC)*

*Marta Cannistrà (Politecnico di Milano)*

*Mara Soncin (Politecnico di Milano)*

*Tommaso Agasisti (Politecnico di Milano)*

## **29<sup>th</sup> October: 9.30 - 11.30 a.m.**

### **Room 1 Annamaria – Research 14**

**Theme 3. School and inequality: contrast and reproduction**

**Organizer: INVALSI – Università di Milano Bicocca**

**Coordinator: Gianluca Argentin (Università di Milano Bicocca)**

Effect of the class on low performing students

*Andrea Bendinelli (INVALSI)*

*Angela Martini (independent researcher)*

Educational poverty trap in Italian schools: the role of competences and socio-emotional skills

*Emanuele Fedeli (Università di Trento)*

*Moris Triventi (Università di Trento)*

Varieties of Student Profiles and Teacher Assigned Grades. Non-cognitive Traits, Socioemotional Skills and Student Assessment

*Ilaria Lievore (Università di Trento)*

### **Room 2 Giulia – Teaching 1**

**Theme 5. The use of INVALSI data and material to improve teaching**

**Organizer: INVALSI**

**Coordinator: Chiara Tamanini (IPRASE)**

When gamification meets Invalsi questions

*Ivan Graziani (Istituto Comprensivo "Santa Sofia", FC)*

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

Exploring non-standard situations for sense-making in geometry from the perspective of a helical didactics

*Francesca Ferrara (Università degli Studi di Torino)*

*Giulia Ferrari (Università degli Studi di Torino)*

*Ketty Savioli (Istituto Comprensivo "CHIERI III", TO)*

*Marina Gilardi (Istituto Comprensivo "CHIERI III", TO)*

Arguing is sweet to me in these items

*Ivan Graziani (Istituto Comprensivo "Santa Sofia", FC)*

*Chiara Saletti (Istituto Comprensivo "Masaccio", FI)*

*Stefano Babini PA (Liceo Artistico Statale "P. Toschi", PR)*

The Invalsi Tests seen by children, or what those who carried them out think

*Marinapaola Mariano (Istituto Comprensivo "Via Linneo", MI)*

### **Room 3 Ludovica – Teaching 2**

**Theme 12. Learning environments and student outcomes**

**Organizer: INVALSI**

**Coordinator: Rita Marzoli (INVALSI)**

EDU@CTION VALLEY: synergistic educational ecosystem for an educating community

*Caterina D'Alessio (D.D. Don Milani di Giffoni Valle Piana)*

Laboratorium vs Auditorium

*Sebastiana Fiscaro (M.I.A.T.)*

What learning environments for student competences in the 21st century?

*Ornella Papa (INVALSI)*

**29<sup>th</sup> October: 2.00 - 4.00 p.m.**

### **Room 1 Annamaria – TAVOLA ROTONDA TEACHING**

**INVALSI tests: a public resource for research and teaching. Internal and external evaluation convergence of objectives**

**Organizer: INVALSI**

**Moderator: Alessia Mattei (INVALSI)**

**Speakers:**

*Vittoria Gallina (Responsabile del dipartimento EPR, NPM per le indagini OCSE-IALS e ALL)*

*Renata Maria Viganò (Professore Ordinario di Pedagogia Sperimentale all'Università Cattolica del Sacro Cuore, Vice Presidente del CdA di INVALSI)*

*Claudia Donati (Fondazione Censis, Responsabile di ricerca, Area Processi Formativi)*

*Simonetta Zuccaccia (ex dirigente scolastica)*

### **Room 2 Giulia – Teaching 3**

**Theme 5. The use of INVALSI data and material to improve teaching**

**Theme 13. Self-Evaluation Report (RAV) and INVALSI Data for the Self-Evaluation of Italian Schools**

**Organizer: INVALSI**

**Coordinator: Nicola Chiriano (Docente, Ministero dell'Istruzione)**

Intertwining formative and standardized assessment: the didactic and cognitive relevance of non-standard situations from primary to secondary cycle

*Ketty Savioli (Istituto Comprensivo "CHIERI III", TO)*

*Francesca Ferrara (Università di Torino)*

*Giulia Ferrari (Università di Torino)*

A passport to high school? The INVALSI skills certification and the teaching potential of grade 8 Italian test examples

*Antonella Mastrogiovanni (INVALSI)*

*Luca Pieroni (Istituto di Istruzione superiore "Laeng - Meucci" di Osimo, AN)*

*Antonella Vendramin (INVALSI)*

*Francesca Rita Resio (INVALSI)*

Which arithmetic competence at the end of primary school (and beyond)?

*Stefania Pozio (INVALSI)*

*Francesca Ferrara (Università di Torino)*

*Ketty Savioli (Istituto Comprensivo "CHIERI III", TO)*

From the analysis of INVALSI results to the creation of common tests for the improvement of students' skills

*Ivan Graziani (Istituto Comprensivo "Santa Sofia", FC)*

*Ombretta Crivellaro (Istituto Comprensivo "Giorgio Bassani", FE)*

*Carla Sermasi (DS/ pedagoga)*

*Monia Berghella (USR ER)*

### **Room 3 Ludovica – Teaching 4**

**Theme 13. Self-Evaluation Report (RAV) and INVALSI Data for the Self-Evaluation of Italian Schools**

**Organizer: INVALSI**

**Coordinator: Michela Freddano (INVALSI)**

Standardized tests as the link between RAV and PDM

*Ileana Ogliari (Istituto Comprensivo "Manfredini" di Pontinia, LT)*

*Andrea Guarnacci (Istituto Comprensivo "Manfredini" di Pontinia, LT)*

*Mariarosaria Orefice (Istituto Comprensivo "Manfredini" di Pontinia, LT)*

*Michela Zuccaro (Istituto Comprensivo "Manfredini" di Pontinia, LT)*

Participation and self evaluation for school improvement

*Valentina Dell'Aquila (M.I.)*

*Nicola Bellomo*

From RAV to Social Accountability, from actions to conscious narratives. Introducing a school community that meta-reflects for the improvement

*Annamaria Capra (Istituto Comprensivo "Da Vinci-Frank", TO)*

Silvia Ceffa (*Istituto Comprensivo "Da Vinci-Frank", TO*)  
Costanza Bruno (*Istituto Comprensivo "Da Vinci-Frank", TO*)  
Grazia Tardio (*Istituto Comprensivo "Da Vinci-Frank", TO*)

From the Rav to reporting  
Maria Carbone (*Scuola Media "Ammendola-De Amicis", NA*)

## **29<sup>th</sup> October: 4.30 - 6.30 p.m.**

### **Room 1 Annamaria – AUTHORS MEET CRITICS (1h)**

**Presentation of the book by Gianluca Argentin: *Nostra scuola quotidiana. Il cambiamento necessario, Il Mulino (2021)***

**Organizer: INVALSI**

**Moderator:** Elisa Chiriano (*Insegnante, Ministero dell'Istruzione*)

**Attend:**

Angela Martini (*Ricercatrice indipendente*)  
Ludovico Albert (*Esperto di sistemi formativi*)  
Marco Catarci (*Professore ordinario, Università degli Studi Roma Tre*)

### **Room 2 Giulia – Teaching 5**

**Theme 12. Learning environments and student outcomes**

**Organizer: INVALSI**

**Coordinator: Rita Marzoli (INVALSI)**

The desing of financial literacy: resources and rules  
Francesca Cimmino (*Istituto Comprensivo "Matteo Ripa" di Eboli, Sa*)  
Antonietta D'Avino (*Istituto Comprensivo "Matteo Ripa" di Eboli, Sa*)

Invalsi tests and environmental context: some operational impacts  
Luigi Umberto Rossetti (*IPSAR "Le Streghe", BE*)  
Lucia Scotto di Clemente (*Liceo Statale "P.E. Imbriani", AV*)

One chain leads to another in a laboratory approach  
Ivan Graziani (*Istituto comprensivo di "Santa Sofia", FC*)  
Stefano Babini (*Liceo Artistico Statale "P. Toschi", PR*)

### **Room 3 Ludovica – Teaching 6**

**Theme 5. The use of INVALSI data and material to improve teaching**

**Organizer: INVALSI**

**Coordinator: Giorgio Cavadi (Dirigente tecnico incaricato)**

The connection between the INVALSI tests in Mathematics, the school improvement plan and the teaching practices: our improvement path for "competent" teaching  
Giuseppina Maria Grazia Cardillo (*Istituto comprensivo di "JF Kennedy", RE*)

Focus on the concepts of variable, parameter and unknown in some INVALSI tasks  
Giada Viola (*Università "La Sapienza" di Roma*)

Rethinking the curriculum of reflection on language between Invalsi items and valential grammar  
Anna Maria Moiso (*La casa degli insegnanti*)  
Arianna Fontanot (*Scuola media "Madre Maria Mazzarello", TO*)  
Alessio Trevisan (*Istituto "Madre Mazzarello", TO*)

## **30<sup>th</sup> October: 9.30 - 11.30 a.m.**

### **Room 1 Annamaria – Teaching 7**

**Theme 5. The use of INVALSI data and material to improve teaching**

**Organizer: INVALSI**

**Coordinator: Giorgio Cavadi (Dirigente tecnico incaricato)**

Punctuation. A stranger?  
Anna Maria Moiso (*La casa degli insegnanti*)  
Roberta Strocchio (*Liceo Salesiano "Madre Mazzarello", TO*)

TECHNICAL EDUCATION FROM HEPHAESTUS TO INDUSTRY 4.0 - The "unfair advantage" of technical education: consolidating and improving the educational offerings of an economic and technological technical institute in Tuscany's most "lyceum-oriented" province

*Marta Castagna (Istituto Tecnico "D. Zaccagna - G. Galilei", MS)*

*Gabriele Orsini (Istituto Tecnico "D. Zaccagna - G. Galilei", MS)*

The INVALSI tests: start being spectators and become protagonists. The action research path carried out by "IC Aldeno-Mattarello"

*Annacarla Geniali (Istituto Comprensivo "Aldeno-Mattarello", TN)*

*Tiziana Chiara Pasquini (Istituto Comprensivo "Aldeno-Mattarello", TN)*

*Chiara Tamanini (IPRASE)*

*Mirko Vignoli (Istituto Comprensivo 9 "Beatrice Portinari", FC)*

## **Room 2 Giulia – Teaching 8**

**Theme 12. Learning environments and student outcomes**

**Organizer: INVALSI**

**Coordinator: Rita Marzoli (INVALSI)**

Real, digital or immersive Learning Environments – technology as a resource to improve student outcomes

*Claudia Califano (Liceo "Nostro-Repaci" di Villa San Giovanni, RC)*

Flexible didactics in Learning environments for XXI century competences

*Daniela Ruffolo (D.D. Don Milani di Giffoni Valle Piana)*

*Ivano Neri (D.D. Don Milani di Giffoni Valle Piana)*

Service learning: a new methodological approach to innovate the learning environment

*Ornella Campo (Liceo Scientifico "Fermi", RG)*

*Rosario Distefano (Liceo Scientifico "Fermi", RG)*

*Maria Grazia La Rosa (Liceo Scientifico "Fermi", RG)*

## **Room 3 Ludovica – Teaching 9**

**Theme 13. Self-Evaluation Report (RAV) and INVALSI Data for the Self-Evaluation of Italian Schools**

**Organizer: INVALSI**

**Coordinator: Michela Freddano (INVALSI)**

The impact of DaD on the school context: The role of self-evaluation in school

*Alfonsina Mastrolia (Università "La Sapienza" di Roma)*

Valu.E: an expert evaluation experience at Istituto Comprensivo Perugia 6

*Annamaria Romano (Istituto Comprensivo Perugia 6)*

*Loredana Paglialunga (Istituto Comprensivo Perugia 6)*

A community RAV

*Francesco Mammarella (Istituto Onnicomprensivo di Città Sant'Angelo, PE)*

*Roberta Franchi (Istituto Onnicomprensivo di Città Sant'Angelo, PE)*

*Ettore D'Agostino (Istituto Onnicomprensivo di Città Sant'Angelo, PE)*

*Carla La Vista (Istituto Comprensivo "B. Spaventa" Città Sant'Angelo, PE)*

From monitoring to social reporting: a possible toolbox

*Angela Rita Fisichella (Istituto Comprensivo "G. Caruano" di Vittoria, RG).*

*Santina Rita Forforelli (Istituto Comprensivo "Sciascia" di Scoglitti, RG)*

*Amalia Panebianco (Istituto Comprensivo "Sciascia" di Scoglitti, RG)*

*Sonia Salfo (Direzione Teaching "Paolo Vetri", RG)*

**30<sup>th</sup> October: 2.00 - 4.00 p.m.**

## **Room 1 Annamaria – Teaching 10**

**Theme 5. The use of INVALSI data and material to improve teaching**

**Organizer: INVALSI**

**Coordinator: Stefania Pozio (INVALSI)**

Teacher but what does it mean here? Linguistic considerations on INVALSI math questions for Primary School

*Chiara Saletti (Istituto Comprensivo "Masaccio", FI)*

*Fabio Brunelli (Istituto Comprensivo "Masaccio", FI)*

*Ivan Graziani (Istituto Comprensivo "Santa Sofia", FC)*

Understanding Students' Errors in mathematics: a comparison between 2015 and 2019 TIMSS cycles at eighth grade

*Francesco Annunziata (INVALSI)*

The language of INVALSI Mathematics tests of grade 8

*Ottavio Giulio Rizzo (Università di Milano)*

Teachers' beliefs on the origin of mistakes in the mathematics Invalsi tests of grade 5

*Annarita Monaco (Istituto Comprensivo "Francesca Morvillo", RM)*

*Barbara Balconi (Università di Milano-Bicocca)*

*Ottavio Giulio Rizzo (Università di Milano)*

## **Room 2 Giulia – Teaching 11**

**Theme 10. Talents in the school system**

**Organizer: INVALSI**

**Coordinator: Lorenzo Maraviglia (INVALSI)**

HIGH ACHIEVING STUDENTS Some considerations through literature, teachers opinions and both national and international standardized student testing

*Paolo Barabanti (INVALSI)*

Top performers: characteristics and territorial distribution. An analysis based on the latest INVALSI results

*Michele Cardone (INVALSI)*

*Emiliano Campodifiori (INVALSI)*

## **Room 3 Ludovica – Teaching 12**

**Theme 7. The Covid-19 pandemic and the effects on school results**

**Organizer: INVALSI**

**Coordinator: Nicola Chiriano (Docente, Ministero dell'Istruzione)**

Distance education (DAD) and distance education links (LEaD) during the lockdown: how much did they affect the children of kindergarten? Is there a relationship with the percentage increase in band 1 for grade 2 in the Marche Region?

*Carmina Laura Giovanna Pinto (USR Marche – Università di Camerino)*

From the Invalsi Data to the Teacher Questionnaire

*Monica Papini (INVALSI)*

*Valeria Fortunata Tortora (INVALSI)*

The Invalsi outcomes and the pandemic's Influence: educational consequences and effects of distance learning according cooperation between school and Prevention and Public Health Department

*Alessia Cividin (Istituto Comprensivo "Roiano Gretta", TS)*

*Claudia Virili (Dirigente scolastica)*

*Francesca Malacarne (Dirigente medico)*

*Maria Grazia Greblo (Docente scolastica)*

Some reflections on the Teacher Questionnaire

*Paola Giangiacomo (INVALSI)*

*Francesca Leggi (INVALSI)*

Effects of Covid 19 on foreign students

*Giovanna Filosa (INAPP)*