

Preliminary Program Overview

This program is provisional and subject to adjustments

Content

Preliminary Program Overview	2
Symposium details	3
Session details	5
Poster & Demo Sesion I: 2nd September (17:45-18:45 h)	7
Poster & Demo Sesion II: 3rd September (8:45-9:30 h).....	8
Poster & Demo Sesion III: 4th September (8:45-9:30 h).....	9

Preliminary Program Overview




EARLI SIG 15 Biannual Conference 2024

Special Educational Needs: Neurodiversity in Education: Research and Practice

September 2nd - 4th, 2024 | Valencia, Spain

Venue: Facultad de Psicología y Logopedia Av. de Blasco Ibáñez, 21, 46010 Valencia

2nd September	Tuesday 3rd September	Wednesday 4th September
8.45 - 9.30	Poster Session II	Poster Session III
9.30 - 10.30	Parallel Sessions A. Symposium: Misconceptions about Neurodevelopmental Disorders. B. Language and Executive functions in students with neurodivergence (106) C. Navigating Educational Challenges for Inclusion (102)	Parallel Sessions A. Symposium: Dynamic Testing in Special Education: Current Developments in Research and Practice B. Empowering Inclusive Education: Teacher Training, Expectations, and Collaboration teacher perceptions (101) C. Math Learning and SEND (II) (105)
10.30-11.00	COFFEE BREAK ☕	
11.00 - 12.00	Key-note Eva Gutierrez-Sigut <i>Speech-Sign Bilingualism: A Window into Neurodiversity</i>	Key-note David Saldaña <i>Autistic readers: Poor comprehension or poor comprehension of comprehension?</i>
12.00 - 13.15	Parallel Sessions A. Symposium: Validity and Reliability of Measurement Tools used to Identify Mathematical Learning Difficulties. B. Symposium: Experience sampling methods in special education research C. Motivational, Social and Affective Processes in SEND (107).	Parallel Sessions A. Symposium: Navigating the digital world when having SEN (Invited symposium EARLI SIG2) B. Behavioral Dynamics and Transitions in Education (109)
14.00 - 14.30	 OPEN CEREMONY	LUNCH 🍴
14.30 - 15.30	Key-note Barbara Arfé <i>Computational thinking and coding as tools of the mind.</i>	Key-note Emily Jones <i>Understanding early autism from the perspective of neurodiversity: Insights for education</i>
15.30-15.45	SHORT BREAK 🕒	
15.45-17.15	Parallel Sessions A. Symposium: Executive functions at school: the role of dyadic and classroom-level teacher-student interactions. B. Enhancing Support and Decision-Making in Special Education Settings (110). C. Inclusive Education Perspectives: Perceptions, Self-Efficacy, and Social Dynamics (100)	Parallel Sessions A. Enhancing Autism Support in Education (103) B. Math Learning and SEND (I) (104) C. Challenges for Enhancing Assessment and Intervention in SEN (108)
17.15-17.45	COFFEE BREAK ☕	
17.45-18.45	Poster session I	EARLI SIG15 Business meeting 📁
20.30	Conference dinner (payment required) 🍷	

Symposium details

Symposium

Title	Dynamic Testing in Special Education: Current Developments in Research and Practice	Presenting Authors
Chair	Moritz Börnert-Ringleb, Leibniz University Hannover, Germany	
Discussant	Jürgen Wilbert (jwilbert@uni-potsdam.de), Universität Potsdam, Germany Marco Hessels, University of Geneva, Switzerland	
	Evaluating the usefulness of dynamic testing of arithmetic abilities for educational planning	Taina Marisa Gabriel Moritz Börnert-Ringleb
	Dynamic Evaluation of Reasoning: Is learning potential specific of a domain or a global phenomenon?	Sara Mata
	Testing of Instructional Needs with a Training-only Dynamic Test	Jochanan Veerbeek
	A dynamic screening instrument utilizing serious gaming for first year secondary school students	Bart Vogelaar
Title	Executive functions at school: the role of dyadic and classroom-level teacher-student interactions	Presenting Authors
Chair	Dieter Baeyens (Dieter.Baeyens@kuleuven.be), KU Leuven, Belgium	
Discussant	Pirjo Aunio (pirjo.aunio@helsinki.fi), University of Helsinki, Finland	
	Exploring Teacher-Student Relations and Working Memory in Primary School Children	Mariette Huizinga
	The role of teacher interaction strategies to improve working memory in children: A microtrial study	Dieter Baeyens
	Neurodiversity in Associations Between Teacher-Child Relationship and Executive Function	Dieuwer ten Braak
	The role of daily teacher-child relationships in self-regulation and executive function development	Friederike Blume
Title	Misconceptions about Neurodevelopmental Disorders	Presenting Authors
Chair	Anna-Sophia Dersch (Anna-Sophia.dersch@psychol.uni-giessen.de), Justus-Liebig-Universität Gießen, Germany	
Discussant	Jo Van Herwegen (j.vanherwegen@ucl.ac.uk), UCL Institute of Education, United Kingdom	
	Misconceptions about Neurodevelopmental Disorders by Italian teachers: a Mixed-methods Analysis.	Chiara Pecini
	Development, Evaluation and Application of the Misconceptions about Autism Questionnaire (MAQ)	Anna-Sophia Dersch
	From the scientific article to the YouTube video: Debunking myths on special educational needs.	Nadina Gómez-Merino
Title	Experience sampling methods in special education research	Presenting Authors
Chair	Carmen Zurbriggen (carmen.zurbriggen@unifr.ch), University of Fribourg, Switzerland Friederike Blume (f.blume@dipf.de), DIPF Leibniz Institute for Research and Information in Education, Germany	
Discussant	Students' academic motivation in the classroom, peer-related predictors, and behavioral problems	Carmen Zurbriggen
	Using the experience sampling method in the context of intellectual disability	Simone Schaub
	Grade four students' mathematics anxiety during math classes	Moritz Herzog
	Identifying individual barriers of autistic students using experience sampling	Theresa Serratore
Title	Validity and Reliability of Measurement Tools used to Identify Mathematical Learning Difficulties	Presenting Authors
Chair	Laura Outhwaite (l.outhwaite@ucl.ac.uk), University College London, IOE, United Kingdom	
Discussant	Pirjo Aunio (pirjo.aunio@helsinki.fi), University of Helsinki, Finland	

	Psychometric Properties of Early Maths Assessments and Screeners: A Systematic Review	Laura Outhwaite
	Reliability and validity evidence of the online FUNA-DB screener	Heidi Hellstrand
	Measuring young children’s mathematics vocabulary in majority countries	Hanrie Bezuidenhout
Title	"Navigating the digital world when having SEN (invited symposium from SIG2 "Text Comprehension and Graphics)	Presenting Authors
Chair	<i>Eliane Segers (eliane.segers@ru.nl), Radboud University, Netherlands</i>	
Discussant	<i>Ladislao Salmerón (ladislao.salmeron@uv.es), University of Valencia, Spain</i>	
	Survey of Digital Skills of Adults Across a Variety of Locations	John Sabatini
	Struggling readers in digital reading contexts – the “knows” and “don’t knows.”	Øistein Anmarkrud
	Print and digital reading habits and comprehension in children with special education needs	Ladislao Salmerón

Session details

Session details	
100_Inclusive Education Perspectives: Perceptions, Self-Efficacy, and Social Dynamics	Presenter
The role of social anxiety for the relationship between teacher feedback and social acceptance	Philipp Nicolay
Pre-service Early Childhood Education and Care (ECEC) professionals' perception of inclusion	Simone Schaub
Teachers' self-efficacy and attitudes toward inclusive education associated with teacher factors	Gunita Mudhar
Sources of pre-service teachers' self-efficacy beliefs concerning inclusive teaching	Gamze Görel
Differences Perceived Inclusion: Considering Various Perspectives and Special Educational Needs	Ramona Eberli
101_Empowering Inclusive Education: Teacher Training, Expectations, and Collaboration teacher perceptions	Presenter
Influence of labels for students with learning problems on teachers' expectations and stereotypes	Linda Kashikar
Effects of a Collaborative Teacher Education on Pre-Service Teachers' Inclusion-Related Self-Concept	Jan R. Schulze
Interprofessional Collaboration in Special Education Contexts – A Scoping Review	Christian Brandmo
Teaching quality for students with SEN: different or the same as in mainstream classrooms?	Mireille Tabin
Raising educational outcomes for individuals with SEN: Teachers' views on evidence	Jo Van Herwegen
102_Navigating Educational Challenges for Inclusion sociologic	Presenter
A systematic review of the effects of COVID-19 on the educational performance of children with SEND	Evdokia Pittas
Ethnic disproportionality in the identification of ASD: A national longitudinal study age 5-11	Steve Strand
Impact of high selective and low selective schools on student's academic self-concept	Reto Luder
The Intersection of Multiple Disability Perspectives with Postsecondary Access in Canada	Robert Brown
103_Enhancing Autism Support in Education	Presenter
Professionals' stories on supporting belonging for autistic children in ECEC	Aino Äikäs
Emotion Recognition among Autistic Children: School-Based Intervention	Sigal Eden
Interaction with schoolmates in a comprehensive school: autistic adults' experiences	Eija Kärnä
Augmented reality technology games for skills improvement in autistic children	Patricia Pérez-Fuster
Executive functioning in preschoolers with Autism Spectrum Disorders without Intellectual Disability	Marta Berni
104_Math Learning and SEND (I) Executive functions and math lunes martes	Presenter
Reciprocal associations of fundamental and fine motor skills, executive functions and early numeracy	Anssi Vanhala
Math anxiety and its relations to arithmetic fluency and number processing in fourth-grade students	Pinja Jylänki
An Investigation and Intervention on Teachers' Knowledge About Dyscalculia	Lisa Bender
The Mediating Roles of Working Memory and Self-Concept in the Math Anxiety-Performance link	Jonatan Finell
Developmental Relations of Motivational-beliefs in Math across Educational Transition	Anna Widlund
Collaboration of 4-5-year-old SEN children in a hands-on problem-solving task	Kati Sormunen
105_Math Learning and SEND (II)	Presenter
Teaching mathematics to primary school students with Down syndrome	Erica Ranzato
Effects of Mathematical Word Problem-Solving Interventions: A Systematic Review and Meta-Analysis	Terhi Vessonen

Identification of protective factors in learning sixth-grade mathematics in children with DLD	Tijs Kleemans
Longitudinal relations of early numeracy, language and executive function components in preschoolers	Natalia Stalchenko
106_ Language and Executive functions in students with neurodivergence	Presenter
Neurodivergent profiles of executive functions	Ricardo Rosas Diaz
App-based learning in phonological awareness and reading comprehension: benefits for lower achievers	Verena Hofmann
Are deaf students flexible in response to task objectives and text structure?	Isabel R. Rodríguez-Ortiz
Oral language intervention can improve children's language and expressive writing skills	Rosanne Esposito
Exploring current speech-to-text software for children with reading and writing difficulties	Åsa Wengelin
107_ Motivational, Social and Affective Processes in SEND	Presenter
Social Inclusion and Resistance to Peer Influence of Individuals With Down or Williams Syndrome	Gina Nenniger
The Relationship Between Disruptive Behavior, Social Acceptance and Classroom Management	Raphael Plutz
Social cognition in incidental contexts: Insights from deafness	Mario Figueroa
Classroom Interaction Quality Influences Inclusion Perception: Implications for Special Education	Ramona Eberli
Stereotype threat reduces academic performance in special schools for general learning disability	Tobias Tempel
108_ Challenges for Enhancing Assessment and Intervention in SEN	Presenter
Raising educational outcomes for individuals with special educational needs	Jo Van Herwegen
A Meta-Analysis of Validity and Effectiveness of Screening Assessment Tools within Three-Tier Model	Serap Keles
The home environment & educational attainment in preterm children: a systematic review.	Jorn Othmer
Efficacy of language interventions in children with neurodevelopmental disorders: A meta-analysis	Enrica Donolato
Exploring the Utility of Tau-U Variations in Single Case Experimental Designs	Timo Lüke
109_ Behavioral Dynamics and Transitions in Education	Presenter
Preschool teachers and parents of children with disabilities in transition-related parent meetings	Daniel Then
School-to-work-transition of low achieving students in regular and special education classes	Markus Neuenschwander
Development of a short version of the German Developmental Behaviour Checklist for teachers (DBC-T)	Friederike Hell
The effectiveness of inclusive teaching practices for students with ADHD in post-secondary education	Dieter Baeyens
Behavioural problems and peer experiences of students in secondary school: A latent profile analysis	Ariana Garrote
110_ Enhancing Support and Decision-Making in Special Education Settings	Presenter
The Impact of an Integrated Care Arrangement in Special Schools: A Cost and Benefit Analysis	Brittney Root
Placement Trajectories of Students With Intellectual Disabilities: Gender and Migration Background	Romana Snozzi
Teachers' ability to conduct data-based decision-making using visual analysis	Henrik Husberg
Cognitive accessibility in intellectual disability with high support needs	Miriam Rivero-Contreras
Improving the Accuracy of Visual Inspections in Educational Interventions	Timo Lüke

Poster & Demo Sesion I: 2nd September (17:45-18:45 h)

Poster Presentation	
Title	Presenter
'What we were told is that he was an ideal autistic child': When inclusion excludes	Camila Martinez
Promoting Self-Determination - Enabling Neurodivergent Higher Education Students to Thrive?	Hanna Liisa Hakala
Does empathy moderate the relationship between teacher feedback and social acceptance?	Markus Spilles
Support program for students with autism in higher education: a single case study	Nathalie Quartenoud
A Study Protocol for a School-based Intervention to Improve Working Memory via Teacher Strategies	Sophie Pollé
Autistic women- Unique lives on the spectrum	Saara Perälä
Is there a dissociation between word reading and/or spelling deficits? A cross-linguistic study	Bjarte Furnes
Predictive validity of Learning potential assessment in the efficacy of a literacy intervention	Francisca Serrano Chica
Exploring the Role of Social Capital in School Participation of Disabled Children in China	Xinqian (Nancy) Jiang
Retaining or blurring special education from behavioral support in inclusive schools?	Jacquelin Kluge
ThinkMath Early Numeracy Assessment in Measuring South African School Beginners	Kathleen Fonseca
Peer Popularity Among Students with Intellectual Disabilities Attending Special Needs Schools	Noemi Schoop-Kasteler
Adolescents school well-being with or without learning disabilities: a study on gender differences.	Martina Lattanzi
Autistic and not lonely: a reconceptualization of loneliness from autistic perspectives	Luciana White
Parental Involvement in Music Training for Autistic Children with Intellectual Disabilities	Yen Na Yum
Self-Compassion Might Mediate the Association Between Autistic Traits and Life Satisfaction	Mo Chen
Research Blitz with Poster	
Title	Presenter
The consideration of adaptive behavior in the assessment for special educational needs in Germany	Melina Agha
Reading comprehension in students with ASD: the "seductive details effect" in inference making	Laura Herrero-Roig
Implementation of a model for the advancement of literacy in children with special educational needs	Sara Zadunaisky Ehrlich
Finnish School-Wide Behavioral Policies and Practices for Grades 1-6	Angel Park
Cross-comparison and discriminative power of motor and visuospatial skills in DCD and DVSD	Camilla Orefice
Demo presentation	
Title	Presenter
Yellow Red: A digital tool to assess the executive functions of deaf and blind children playfully	Victoria Espinoza

Poster & Demo Sesion II: 3rd September (8:45-9:30 h)

Poster Presentation	
Title	Presenter
Effects of an intervention on students' attitudes towards peers with special educational needs	Marwin Felix Loeper
Decision-making processes regarding reasonable accommodations: A qualitative vignette study	Laura Fluyt
Exploring the Consequences of Family-Implemented Supports for Disabled Children in Special Schools	Xinqian (Nancy) Jiang
Exploring reading comprehension in Deaf Spanish Studetns: Insights for Intervention approaches	Laura Hernandez Sobrino
Teachers' Experiences in Educating Children with SEN and Providing Reasonable Accommodations	Laura Fluyt
Building Content Validity for a Life Skills Assessment for Students with SENs: A E-Delphi Study	Mo Chen
EF development in pre-schoolers with early term births from families with psychosocial stress	Minna Törmänen
An eye-tracking study on pre-service teachers' professional vision in class	Gamze Görel
Understanding teachers' perspectives on students with epilepsy: Attitudes in inclusive education	Pawel R. Kulawiak
Assessing English Proficiency in Children With Dyslexia	Diana Carrascal
School achievement of 3rd graders from stressed families: Effects of an Early Childhood Intervention	Isabelle Kalkusch
The home numeracy and literacy environment of autistic preschoolers and their neurotypical peers	Sarah Urban
Family's support in learning: English as a foreign Language in Children with Dyslexia	Marta Álvarez Cañizo
Effectively Teaching Students with SEN: a Template Analysis and Comparison between Teachers	Jolien Delafontaine
Research Blitz with Poster	
Title	Presenter
Institutional factors affecting the school-to-work transition of young people with disabilities	Claire Edwards
Dynamic Testing and Educational Plans: Diagnostic Insights for Addressing Arithmetic Difficulties	Ante Pavic
Educational Equity in Literacy: an Integrated Educational Program on Students with and without SEN	Giulia Toti
Within pauses: Five children with Low Handwriting Transcription Scores	Iruna Ibarra
Improving Math Attitudes in School-age students: A comprehensive Meta-analysis and Systematic Review	Alice Masi
Demo presentation	
Title	Presenter
A demo of Atenxia App: IA as educational technology for improving ADHD and dyslexia	Francisca Serrano Chica

Poster & Demo Sesion III: 4th September (8:45-9:30 h)

Poster Presentation	
Title	Presenter
Supporting staff in implementing new practices related to communication with people with ID	Mireille Tabin
Preventing elder abuse: Development of a curriculum for older adults with intellectual disabilities	Mireille Tabin
Inattention in Sight: Fostering Learning with ADHD by Digital Media	Luciana Maria Cavichioli Gomes Almeida
Improving university teaching: service-learning for young people with disabilities.	Ávila Vicenta
EmpowerED. Empowering novice teachers in dealing with challenging behavior: interactional approach.	Claudia Lento
Literacy, Reading Habits and Internet Use in Adults with Intellectual Disabilities	Gabriela I. Coñoman
Dropouts like no other? French Postsecondary Access and Employment of young people with disabilities	Robert Brown
Effects of Out-of-School Learning Places on the STEM Biographies of Elementary School Students	Jan R. Schulze
How students with ADHD adapt to reading task goals and text structure: An eye-tracking study.	Pablo Delgado
Footprints of Writing Struggles in Primary Educations: Insights from a Pseudoword Spelling Task	Mariona Pascual
Palimpsest as Spatial Methodology: Mapping Student Dis-location in Educational Contexts from US Data	Robert Brown
Special educators' perceptions of collaboration to support students in a Swedish municipality	Charlotte Jakobsson
Developmental relations between mathematics anxiety and arithmetic fluency	Johan Korhonen
Promotion of social and emotional development in inclusive biology education	Daniela Nussbaumer
Relationship between students' mental health and pro-environmental behavior	Moritz Herzog
Demo presentation	
Title	Presenter
Pictogram Room: augmented reality technology for body knowledge, joint attention and imitation.	Patricia Pérez-Fuster