



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Dipartimento di Formazione,
Lingue, Intercultura,
Letterature e Psicologia



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Teacher Training Course

READY Project

Transnational Teacher Training

Neural Processes, Learning Problems, and the Impact of Digital Technology on Children's Development

Processi neurali, difficoltà di apprendimento e impatto della tecnologia digitale sullo sviluppo dei bambini

16 June 2025 | 15:00
Online

Abstract: The course explores the interconnection between learning difficulties, neural processes, and psychosocial issues in children, with strategies for school support. Additionally, it examines the effects of digital technology on reading development and mental health, providing tools for conscious use in the classroom.

15:00-17:00: **Prof. Paavo Leppänen**, Professor at the Department of Psychology, Jyväskylä University (JYU, Finland) and Director of the Centre of Excellence for Learning Dynamics and Intervention Research (InterLearn)

- Current view of learning problems as multidimensional and multifactorial disorders
- Current knowledge on the relationship of learning problems and later psychological difficulties
- Factors affecting this relationship

17:00-19:00: **Prof.ssa Susannah Otieno-Leppänen**, PI of the European project Digital Transformation for NeuroDiversity Inclusion in Africa and Asia (AAN-DI).

- Excessive screen time
- Online interactions
- Social media use

Abstract: Il corso esplora l'interconnessione tra le difficoltà di apprendimento, i processi neurali e i problemi psicosociali dei bambini, con strategie di supporto scolastico. Inoltre, esamina gli effetti della tecnologia digitale sullo sviluppo della lettura e sulla salute mentale, fornendo strumenti per un uso consapevole in classe

15:00-17:00: **Prof. Paavo Leppänen**, Professore presso il Dipartimento di Psicologia dell'Università di Jyväskylä JYU, Finlandia) e Direttore del Centro di Eccellenza per le Dinamiche di Apprendimento e la Ricerca sugli Interventi (InterLearn)

- Visione attuale dei problemi di apprendimento come disturbi multidimensionali e multifattoriali
- Le attuali conoscenze sulla relazione tra i problemi di apprendimento e le successive difficoltà psicologiche.
- Fattori che influenzano questa relazione

17:00-19:00: **Prof.ssa Susannah Otieno-Leppänen**, PI del progetto Europeo Digital Transformation for NeuroDiversity Inclusion in Africa and Asia (AAN-DI).

- Tempo eccessivo trascorso sullo schermo
- Interazioni online
- Uso dei social media

Scientific Responsibles

Pablo Delgado, Chiara Pecini, Paavo Leppänen, Susannah Otieno-Leppänen

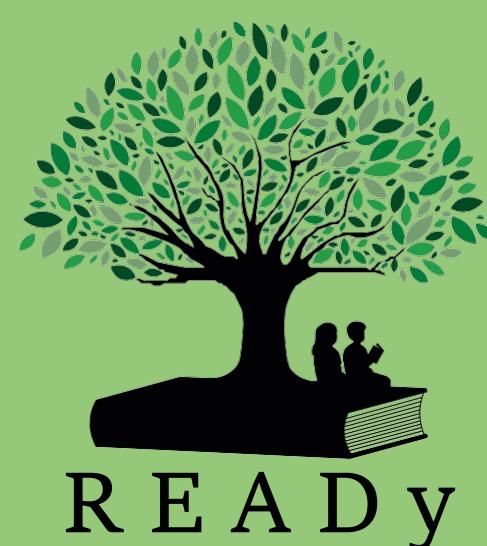
Scientific Committee

Joana Babiota, Pablo Delgado, Andrei Luchici, Mario Battiato, Maria Caldeira, Andreea Ionel, Jesús Marrodan Gironés

Organizing Committee

Lorenzo Martellini, William Castelli, Viola Margheri

Iscrizione gratuita al link: <https://readyreading.eu/OnlineTrainingRegistration.php>



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ADDRESSING DISPARITIES IN LITERACY ACQUISITION
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