



Doctoral Programme in "Education Sciences and Psychology"

Cycle XXXVI

Coordinator: Prof.ssa Vanna Boffo

PhD Student: Costanza Ruffini	
Year: third year	
Tutor: Professor Chiara Pecini	
Scientific Sector (SSD): M-PSI/04	
Research (title of the Thesis, if available): School Learning and Executive Functions	
Study abroad	<p>University: Universidad de Sevilla, Facultad de Psicología, Departamento di Psicología Evolutiva y de la Educación, Laboratorio de Diversidad, Cognición y Lenguaje c/ Camilo José Cela, s/n. 41018 (Sevilla)</p> <p>Period: From 15th august 2022 – 19th november 2022</p> <p>Goal/s: To collect data on cognitive functions and paper and digital text</p>

	comprehension in third grade primary school children in the city of Seville
Meeting & Seminars: Participation	<p><u>Participation in congress and seminars as poster author or oral contribution</u></p> <p>Date: From 18th to 22th July 2022 Ruffini, C., Tarchi, C., Bigozzi, L., Russo, N., Del Pistoia, I., Pecini, C. Face-to-face versus video-recorded lectures: attention and short-term retention in university students. Oral presentation. <i>26th JURE Conference of the Junior Researchers of EARLI: Unpredictable Challenges: Education in a Rapidly Changing World</i>, European Association for Research on Learning and Instruction (EARLI), University of Porto</p> <p>Date: From 13rd to 14th May 2022 Ruffini, C., Pecini, C. The relationship between Executive Functions and Semantic Fluency in preschool age. Oral presentation. <i>XII Edizione Giornate CLASTA, Communication&LanguageAcquisition Studies in Typical&Atypical populations</i>, Firenze.</p> <p>Date: From 4th to 5th March 2022 Ruffini, C., Chini, C., Lombardi, G., Della Rocca, S., Monaco, A., Pecini, C. Training of executive functions during the performance of mathematical tasks: a study in children of II grade. Video pill. <i>XVIII Edition Update days on the use of tools in Clinical Developmental Psychology</i>. Clinical Developmental Psychology journal, Il Mulino Editor and the Italian Association for Research and Intervention in Learning Psychopathology (AIRIPA), online.</p>

Date: From 13rd to 15th December 2021

Ruffini, C., Tarchi, C., Pecini, C. Cognitive underpinnings of digital learning: the case of multiple digital texts comprehension” in the symposium “The Inclusive teacher”. Oral presentation. *XV Congresso internazionale sull'educazione e l'innovazione: Impegnati nell'educazione (CIEI)*, Università degli Studi di Firenze e Università di Granada, online.

Date: 9th October 2021

Ruffini, C. Differences between text comprehension and writing on paper and on the computer. Oral presentation. Digital Learning Day, Sixth Edition, *Technology and digital in favor of inclusive teaching dedicated to the development of educational and learning strategies*, online.

Date: From 23rd to 24th September 2021

Ruffini, C., Tarchi, C., Morini, M., Giuliano, G., Pecini, C. *The tele-assessment of cognitive functions in the developmental age: a systematic review*. Video pill. *XXIX Congresso Nazionale Airipa: i Disturbi del Neurosviluppo: dai Disturbi dell'Apprendimento ai Bisogni Educativi Speciali*, Associazione Italiana per la Ricerca e l'Intervento in Psicopatologia dell'Apprendimento (AIRIPA), online.

Date: From 20th to 22nd September 2021

Ruffini, C., Tarchi, C., Morini, C., Giuliano, G., Pecini, C. “The tele-assessment of

cognitive functions in the developmental age: a systematic review". Poster presentation. *XXXIII AIP National Congress of Developmental Psychology and Education Section*. Associazione Italiana Psicologia (AIP), online.

Date: From 14th to 15th May 2021

Ruffini, C., Tarchi, C., Morini, M., Giuliano, G., Pecini, C. Cognitive tele-assessment in children: a systematic review. Poster presentation. *XI Edizione Giornate CLASTA, Communication&LanguageAcquisition Studies in Typical&Atypical populations*, online.

Date: From 18th to 20th August 2021

Ruffini, C., Spoglianti, S., Bombonato, C., Bonetti, S., Di Lieto, M.C., Pecini, C. "Executive functions empowerment during dialogic reading in preschoolers". Poster presentation. *25th JURE Preconference – Education and Citizenship: learning and Instruction and the Shaping of Futures*, European Association for Research on Learning and Instruction (EARLI), online.

Participation, as an auditor, in conferences, congresses, seminars, workshops, webinars

Date: From 13rd to 14th, from 27th to 28th January 2023

Titolo: conference, Funzioni Esecutive in età evolutiva: Conoscerne i costrutti e gli strumenti per la valutazione, la riabilitazione e l'educazione 2a edizione. Fondazione

IRRCS Stella Maris.

Date: 10th november 2022

Title: seminar, *Proyecto Literatura Accesível: Lectura Fácil en la educación en Brasil*, Dr. Vanessa Dagostim Pires, Laboratorio de Diversidad, Cognición y Lenguaje, Facultad de Psicología, Dipartimento di Psicologia Evolutiva y de la Educación, Universidad de Sevilla

Date: 27th October 2022

Title: seminar, *Evaluacion de las funciones ejecutivas en niños con sintomas de Ansiedad*, Andrea Gabriela Jiménez Arvizu, Laboratorio de Diversidad, Cognición y Lenguaje, Facultad de Psicología, Dipartimento di Psicologia Evolutiva y de la Educación, Universidad de Sevilla

Date: From 20th to 21st October 2022

Title: workshop, *Jornadas de Accesibilidad Cognitiva: Una herramienta para la Inclusión*, Laboratorio de Diversidad, Cognición y Lenguaje, Facultad de Psicología, Dipartimento di Psicologia Evolutiva y de la Educación, Universidad de Sevilla

Date: 4th October 2022

Title: seminar, *Telling stories in two languages: Investigating truth-and lie telling in bilingual individuals*, Julia Ouzia, Multilanguage and Cognition Laboratory, University



College London, evento online

Date: 29th September 2022

Titolo: seminar, *Apoyo visual, simplificación léxica y comprensión lectora*, Miriam Rivero Contreras, Laboratorio de Diversidad, Cognición y Lenguaje, Facultad de Psicología, Dipartimento di Psicologia Evolutiva y de la Educación, Universidad de Sevilla

Date: 6th September 2022

Title: seminar, *Tolerance of Ambiguity (ToA) in Italian/English bilingual speakers*, Silvia Purpuri, Multilanguage and Cognition Laboratory, University College London, online event

Date: 8th June 2022

Titolo: congress *GRIFE (Gruppo di Ricerca sulle Funzioni Esecutive)*. Executive Function in developmental disorders: from research to clinic applications, University of Milano Bicocca

Date: 28th January 2022

Title: congress, *XVI Scientific Day, Learning of mathematics: psychological processes and didactical strategies*. Education Department, University of Genoa, online event

Date: From 19th to 22nd January 2022

Title: congress, XVII Edition of Neuropsychology's Days of the Developmental Age,



Institute of Neuropsychiatry Research and Therapy in the Developmental Age, online event

Date: From 8th to 9th November 2021

Title: international conference, *Translational Perspectives in Education and Psychological Sciences*, Educational Sciences and Psychology PHD Course
Department of Education, Languages, Intercultures, Literatures and Psychology,
University of Florence, online event

Date: 5th October 2021

Title: course, *Factor Analysis with IBM SPSS Statistics*, Speaker: Mattia Cefis,
Conference of Italian University Rectors, online event

Date: 23rd September 2021

Title: course, *Horizon Europe: le Marie Skłodowska-Curie Actions (MSCA)*,
Agency for the Promotion of European Research, online event

Date: From 23rd to 27th August 2021

Title: congress, *19th Biennial EARLI Conference for Research on Learning and Instruction - Education and Citizenship: Learning and Instruction and the Shaping of Futures*, University of Gothenburg, online event

Date: 9th June 2021

Title: seminar, *University of Florence's Ethics Commission for Research: the ethical*



aspects of research and how to submit requests for opinion, University of Florence, online event

Date: From 7th to 8th June 2021

Title: online conference, *International web conference intall - life long learning: perspectives in adult education*, University of Florence

Date: 9th April 2021

Title: online webinar, *School psychologist: beyond the Covid-19 emergency*, Italian Psychology Association, Developmental Psychology and Education Section

Date: 27th March 2021

Title: seminar, *The Rehabilitation Tele-treatment of DSA, DPL and other BES*. Cooperativa Anastasis, online event

Date: 26th February 2021

Title: workshop, *WEIRD problems and potential solutions*, Joseph Henrich and Barbara Rogoff, University of Connecticut Cognitive Science, online event

Date: 10th February 2021

Title: international workshop, *Modern Meta-Analysis Research*, AERA-ICPSR PEERS, online event



	<p>Date: 10th February 2021 Title: webinar, <i>Online Diagnosis of SLI: future or present?</i> Centro Risorse, online event</p> <p>Date: 9th February 2021 Title: webinar, <i>An Insight into Journal Editorial Processes</i>, Shelly Nice – ENAGO, online event</p> <p>Date: 29th January 2021 Title: congress, XV Scientific Day, <i>Text comprehension in in-presence and remote teaching</i>, Education Department, University of Genoa, online event</p> <p>Date: 12th January 2021 Title: webinar, <i>Neural Basis and Cognitive Resources of Digital Learning</i>, Italian Association for Research and Intervention on Learning Psychopathology, Airipa Tuscany and Airipa Liguria, online event</p> <p>Date: 4th December 2020 Title: seminar, <i>2nd SRLD Online Symposium</i>: Institutt for spesialpedagogikk, Oslo, online event</p> <p>Data: 17th November 2020</p>
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	<p>Titolo: introductory event, <i>EUniwel Launch Day - European University for Well-Being</i>. University of Florence, online event</p> <p>Date: From 2nd to 3rd November 2020</p> <p>Title: international conference, The Profession of Scholar: Advancing Research, Building New Vision, Developing the Future, Educational Sciences and Psychology PHD Course Department of Education, Languages, Intercultures, Literatures and Psychology, University of Florence, online event</p>
Summer & Winter Schools: Participation	<p>Date: From 28th to 3rd July 2021</p> <p>Title: AIP Summer School of Methodology (formerly Summer School Bertinoro) Multiple regression models for estimating direct, indirect and conditioned effects</p>
Training Course/s	<p>Date: 14th October 2022</p> <p>Title: <i>From the University to the general public, research communication and public engagement</i>, Transversal Skills, University of Florence, digital mode</p> <p>Date: From 11th October 2022 to 20th December 2022</p> <p>Title: <i>B2/C1 level English language course</i>, Centro Linguistico di Ateneo, University of Florence, digital mode</p> <p>Date: 6th and 20th October 2022</p> <p>Title: <i>Open Access Scientific Publishing: How to choose a publisher and a journal to Publishing</i>, Transversal Skills, University of Florence, digital mode</p>



	<p>Date: 30th September 2022 Title: <i>Promoting and monitoring the impact of one's research in the digital era</i>, Transversal Skills, University of Florence, digital mode</p> <p>Date: 21st, 28th September 2022 Title: <i>The enhancement of the study method in secondary school students of I and II grade and university students</i>. Promopsi Cooperativa Sociale University of Florence, digital mode</p> <p>Date: 10th June 2021 Title: <i>How to write your first scientific paper</i>, Transversal Skills, University of Florence</p> <p>Date: From 26th November to 18th December 2020 Title: <i>Advanced Training Course in Europrogettazione: Techniques and Methods</i>, Centro Servizi di Ateneo per la valorizzazione della ricerca e gestione dell'incubatore universitario (CSAVRI), University of Florence</p>
Language Certificate/s	<p>Language:</p> <p>Level:</p>
Support Didactic (Workshops, Seminars,...)	<p>Date: September 2020 - ongoing Teaching support: - "Psychology of Developmental Disabilities" course, Prof. Chiara Pecini, CdL in</p>

"Psychological Sciences and Techniques", Curriculum "Science and Techniques of Developmental and Educational Psychology", Department of Training, Languages, Interculture, Literature and Psychology, University of Florence.

- Course "Psychology of Handicap and Rehabilitation with Laboratory of Psychology of Handicap", Prof. Chiara Pecini, CdLM in "Sciences of Primary Education", Department of Education, Languages, Interculture, Literature and Psychology, University of Florence

- Course "Indicators of Atypical Development", CdLM in "Clinical and Health Psychology and Neuropsychology", Department of Education, Languages, Interculture, Literature and Psychology, University of Florence

Activities: participation in lectures (face-to-face and distance), support group work, support for examinations (face-to-face and distance).

Date: 8th november 2022

Invited speaker at the symposium "Tele-assessment of Executive Functions in children with and without Specific Learning Disorders" Multilanguage and Cognition Laboratory, University College London

Date: 15th September 2022

Invited speaker at the symposium "Executive functions and literacy skills in digital contexts". *Laboratorio de Diversidad, Cognición y Lenguaje*, Facultad de Psicología, Departamento de Psicología Evolutiva y de la Educación, Universidad de Sevilla

	<p>Date / period: From June 2020 to December 2020</p> <p>Invited speaker at the training course “<i>You read and I play. Dialogic reading to empower executive functions</i>”, Centro POP, studio associato di psicologia.</p>
Publications: Books	<p>Title: IL QUOKKA SAGGIO ED IL SUO VIAGGIO. Potenziare le funzioni cognitive ed esecutive. Howard, S.J. & Chadwick, S. Edizione italiana a cura di Ruffini, C., Bombonato, C. & Pecini, C. ISBN: 9788859030300.</p> <p>Publisher: Erikson</p> <p>Year: 2023</p>
Publications: Articles in National Journals	<p>Title of the article: I fondamenti cognitivi delle soft skills. Pecini, C. & Ruffini, C.</p> <p>Title of the Journal: Psicologia Scuola è anche io+, Giornale italiano di psicologia, ISSN 0392-680X, 10, 22-26</p> <p>Year: 2022</p>
Publications: Articles in International Journals	<p>Title of the article: The Relationship between Executive Functions and Writing in Children: a Systematic Review. Ruffini, C., Osmani, F.Q., Martini, C., Giera, W.K., Pecini, C. https://doi.org/10.1080/09297049.2023.2170998</p> <p>Journal: Child Neuropsychology</p> <p>Year: accepted for publication 16.01.2023</p> <p>Title of the article: Far Transfer Effects of Trainings on Executive Functions in Neurodevelopmental Disorders: A Systematic Review and Metanalysis. Bombonato, C., Del Lucchese, B., Ruffini, C., Di Lieto, M.C., Brovedani, P., Sgandurra, G., Cioni, G., Pecini, C. https://doi.org/10.1007/s11065-022-09574-z</p> <p>Journal: Neuropsychology Review</p>

	<p>Year: 2023</p> <p>Title of the article: Investigating Children's Ability to Express Internal States through Narratives and Drawings: Two Longitudinal Studies during Pandemic. Vettori, G.; Ruffini, C.; Andreini, M.; Megli, G.; Fabbri, E.; Labate, I.; Bianchi, S.; Pecini, C. https://doi.org/10.3390/children9081165</p> <p>Journal: Children</p> <p>Year: 2022</p> <p>Title of the article: Tele-assessment of cognitive functions in children: a systematic review. Ruffini, C., Tarchi, C., Morini, M., Giuliano, G., Pecini, C. https://doi.org/10.1080/09297049.2021.2005011</p> <p>Title of the Journal: Child Neuropsychology</p> <p>Year: 2021</p> <p>Title of the article: Preschool Executive Functioning and Child Behavior: Association with Learning Prerequisites? Ruffini, C.; Marzocchi, G.M.; Pecini, C. https://doi.org/10.3390/children8110964</p> <p>Title of the Journal: Children</p> <p>Year: 2021</p> <p>Title of the article: The contribution of executive functions when reading multiple texts: A systematic literature review. Tarchi, C., Ruffini, C., Pecini, C. doi:</p>
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	<p>10.3389/fpsyg.2021.716463 Title of the Journal: Frontiers in Psychology Year: 2021</p> <p>Title of the article: Dialogic reading to Empower Executive Functions in preschoolers. Ruffini C., Spoglianti S., Bombonato, C., Bonetti, S., Di Lieto, MC, Pecini, C. https://doi.org/10.3390/children8050373 Title of the Journal: Children Year: 2021</p>
Publications: Chapter in edited books	<p>Title of the chapter: Cognitive underpinnings of digital learning: the case of multiple digital texts. Ruffini,C., Pecini, C., Tarchi, C. Book: Trujillo Torres, J.M., Capperucci, D., Rodríguez Jimènez, C., Compos Soto, M.N. Experiencias e investigaciones en contextos educativos (pag. 102-111), Dykinson, S.L. ISBN: 978-84-1122-035-4 Year: 2022</p>
Publications: Book Reviews	<p>Book: Journal: Year:</p>
Publications: Book Reports	<p>Book: Journal:</p>



	Year:
Editorial assistant	Series / Journal: Period:
Reviewer	Journal: Acta Psychologica Period: July 2022, October 2022 Journal: Child Neuropsychology Period: September 2022, November 2022 Journal: Scientific Reports Period: March 2022 Journal: Computer & Education Period: February 2022 Journal: Journal of Neuroscience Research, refereeing activity carried out under the supervision of Prof. Chiara Pecini Period: February 2021, August 2021 Journal: Frontiers in Psychology, refereeing activity carried out under the supervision of Prof. Christian Tarchi Period: April 2021



	<p>Journal: Journal of Cognitive Enhancement, refereeing activity carried out under the supervision of Prof. Chiara Pecini</p> <p>Period: February 2021</p>
Member of national & international Pedagogical Associations	<p>Association:</p> <p>Year/s:</p>
Member of national & international Psychological Associations	<p>Association: Italian Psychology Association (AIP), Developmental Psychology and Education Section</p> <p>Year: 2021 - ongoing</p> <p>Association: Communication & Language Acquisition Studies in Typical & Atypical Populations Association (CLASTA)</p> <p>Year: 2021 - ongoing</p> <p>Association: European Association for Research on Learning and Instruction (EARLI) and Junior Researchers (JURE)</p> <p>Year: 2021 - ongoing</p>
Other informations	<p>PRIZES AND AWARDS</p> <p>Date: July 2022</p> <p>Winner of the Jacobs Foundation Travel Bursary for the participation at the congress</p>



Junior Researchers (JURE 2022) of the European Association for Research on Learning and Instruction (EARLI) in Porto, Portugal

Date: 29th January 2022

Winner of the Euniwell Third Seed Funding Call in the role of Chief Investigator of the project "DI.IPL Cognitive challenges of online vs in person learning in EUniwell students: effects on attention and short term memory retention"

(<https://www.euniwell.eu/participate/call-for-joint-projects/projects-of-the-third-seed-funding-call-2022/diip-cognitive-challenges-of-online-vs-in-person-learning-in-euniwell>)

Date: From 20th to 27th September 2021

Online Helper Pheedloop and Zoom platforms, at 25th JURE Preconference and 19th Biennial EARLI Conference for Research on Learning and Instruction - Education and Citizenship: Learning and Instruction and the Shaping of Futures

Date: 27th November 2020

Title: Gorilla Grant 2020 winner <https://gorilla.sc/grants/winners2020>

OTHER:

Date: November 2022

Publication Podcast initiative Public Engagement University of Florence. Ruffini



(2022). *Apprendimenti in modalità cartacea e digitale nei bambini in età scolare: il coinvolgimento delle Funzioni Esecutive*. DOI: 10.57596/5-1-12-2022

Date: From 20th to 27th September 2021

Online Helper platforms Pheedloop e Zoom, 25th JURE Preconference and 19th Biennial EARLI Conference for Research on Learning and Instruction – Education and Citizenship: Learning and Instruction and the Shaping of Futures

Date: 1st June 2021 - ongoing

Training and research activities at IRCCS Stella Maris Foundation

Date: 27th February 2021 - ongoing

Registration in the Section A of the Register of Psychologist of Tuscany's Order (N ° 9350)

Date: 1st December 2020

Title: Qualification to practice as a Psychologist from the University of Genoa.

Date: From 2014 - ongoing

Dynamo Camp volunteer



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LETTERATURE E PSICOLOGIA

Florence, 20th January 2022

Costanza Ruffini