Claudia Cappa

CURRICULUM VITAE

I am a researcher. at the CNR Institute of Clinical Physiology in Pisa.

I took my laurea degree in Physics (University of Torino) in 1983 and holds a PhD in Geophysics in 1989 (University of Genova). In October 2010 I obtained a second level MA degree from the Faculty of Psiychology of the University of Pavia in "*Esperto in Disturbi dell' Apprendimento e difficoltà scolastiche*" (Expert in learning disabilities and school difficulties) with a thesis on: "*Individuazione delle aree dello sviluppo carenti in bambini con difficoltà di calcolo*"under the supervision of Luisa Girelli.

I am currently collaborating with the Institute for Computational Linguistics (*ILC,* CNR) and with the Department Teaching and Learning - SUPSI- Locarno.

My current research interest focuses on the study of all **cognitive abilities involved in basic learning** skills: reading, writing and calculation.

I have long lasting experience in the design and validation of **cognitive screening tools** for subjects of different age levels (from 3 to 18 years old). I have coordinated a working group that produced three instruments for children/student observation:
- Bi-3: to be used by teachers for the observation of motor, communication and numerical cognition abilities in children (32-48 months).
- QUAP- 5: to be used by teachers for the observation of motor abilities, attention, language, metacognition, and numerical cognition abilities in children (5 years)
-RSR-DSA a screening questionnaire to detect suspected or risk situations of learning disabilities: (6 to 18 years old).

I have carried out epidemiological research concerning the **prevalence of SLD** (specific learning disabilities)

Since 2007 to 2013 I have been scientific responsible of CNR group: "Didactic methodology and technology for Specific Learning Disability"

Since 2013 I am IFC responsible for the **Com**munication **Phys**iology **Lab**.

I have been the Italian coordinator for the European project **DysLang** (Dyslexia and Additional Academic Language Learning Prop. Number 518969-LLP-1-2011-1-UK-KA2-KA2MP) - www.dyslang.eu

I have collaborate to **AVATAR** project: a new integrated approach to adolescent health and well-being. https://www.euroavatar.eu/

I'm currently involved in two projects:

AEREST - An Ecological Reading Efficiency Screening Tool, a SUPSI funded project that aims to create a screening tool that provides an "ecological" way to evaluate reading skills.

ReadLet, a PRIN project that uses portable ICT technology and cloud computing to collect, time-align, integrate and analyse large streams of multimodal reading data from early graders.

I am also involved in design and validation of a new check list (**CLAPS** - Check List Analisi e Profilo Sensoriale) for children and adults to analyze the sensorial profile in collaboration with two clinical professionals.

I am visiting professor at the University of Turin (Faculty of education and Faculty of Medicine) and at the "Scuola universitaria professionale della Svizzera italiana (SUPSI")

I have held many courses and seminars in the field of specific learning difficulties for teachers, parents and health professionals.

I am author of some books for parents and teachers and she is coauthor of some guides about Specific Learning Disorder for teachers, parents, students and pediatricians.