

CURRICULUM VITAE

Dr. Cinzia Ronchi, Ph.D.



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Personal details

Education

- 2019 Dr. Ronchi was awarded with the DITALS 2 certification Diploma - skill certificate in teaching Italian language to foreigners - at the "Torre di Babele" University Higher Education Institute, Via Cosenza 7, Rome.
- 2005 Dr. Ronchi won the competitive examination for accessing the Ph.D. in Pedagogy at the University of "Roma Tre", attending it without scholarship but using a special leave with allowances provided by law for public employees. She was awarded with the title of

Doctor of Philosophy on 05/12/2009 with a Doctoral Dissertation entitled “Apprendimento, conoscenze intuitive e didattica in ambito astronomico nella scuola primaria” (=Learning, intuitive knowledge and education in astronomy in the primary school). Thesis Supervisors: Prof. Perucchini, University of “Roma Tre”; Prof. Nicoletta Lanciano, University La Sapienza of Rome.

2004 Dr. Ronchi was awarded with an Academic Degree in Primary Education Science with a score of 110 cum laude (first class Degree), at the University of Roma Tre, Via Ostiense, 159 – Rome, Italy, discussing a Thesis entitled “Tra Tolomeo e Copernico: il cambiamento nelle concezioni astronomiche dei bambini” (=Between Ptolemy and Copernicus: the change in astronomical conceptions of children). Thesis Supervisor: Prof. Paola Perucchini, University of “Roma Tre”, Rome, Italy.

Training and qualifications

2019 Dr. Ronchi applied and participated to the national competition aimed at the selection of teachers to be assigned abroad by MIUR with Decree no. 2021 (G.U. no. 2 of 8-1-2019), placing first in the ranking on primary school teaching staff - English area.

2016 Dr. Ronchi applied for a multilateral ERASMUS+ KA2 project between schools and other institutions, entitled “A.B.L.E. Action Based Language-teaching of English” , project identification number 2016-1-TR01-KA201-034624, which resulted to be at the third place of the reserve list and thus not included among the 10 projects which got funds in Turkey.

2014-15 Dr. Ronchi applied and participated to a multilateral ERASMUS+ KA2 project entitled “Live together in the school:social interactions, learning skills and child rhythms”, project identification number 2014-1-FR01-KA201-002470_4, as contact person and school coordinator for the first year of the project, before going to Turkey.

- 2014 Dr. Ronchi received a scholarship from Performat s.r.l., as a result of selection procedures undertaken by the same institution, to attend a Master in “Counseling ad indirizzo Analitico Transazionale” Ed. 2014-2016, Rome, Italy.
- 2013-15 Dr. Ronchi applied and participated to a multilateral COMENIUS project entitled “E.U.R.O.P.E. European Union Region in Our Pupils’s Eyes”, project identification number 2013-1-PL1-COM06-38618-8, as contact person and school coordinator.
- 2013 Dr. Ronchi received a scholarship from the Ministry of Education to attend a two-year Master in "Formatore in Didattica della Comunicazione" as a result of selection procedures undertaken by the Ministry of Education - Office VI - for the selection of teachers trainers concerning scientific disciplines, languages, communication (Note prot. A00DGPER.5836 of July 31, 2012).
- 2013 Dr. Ronchi was eligible to be included in the National Database of Experts concerning the Project PON - Science Education (B-10-FSE-2010-4) of the INDIRE institution, and was selected as an expert teacher for the Thematic Area "Earth and Universe" (Decree 170 of 6 May 2013). European Structural Funds programming period 2007-2013 - National Operational Program "Skills Development" - National Projects with FAD, "Axis I - Objective B-Action 10.
- 2013 Dr. Ronchi took the Trinity College London GESE Advanced Stage exam, getting Grade 10 (corresponding to level C1) at The English Language Centre (29482) located in Anzio, Rome, Italy.
- 2013 Dr. Ronchi was eligible to the Comparative Procedure announced by the INVALSI to assign external observers to activities related to the administration of the INVALSI tests (SEL 3/2013), and was selected as an "External administer of evidence anchor tests for diachronic measurement of learning outcomes for the project PON - Integrated Information System And Learning Evaluation " (Profile D).

- 2012 Cinzia Ronchi was eligible (anyway not winner) to the Comparative Procedure announced by the INVALSI, to assign experts in particular and proven expertise in coding open-ended survey responses of OECD PISA 2012, connected to the PON Project Governance and Technical Assistance 2007-2013 ", regional statistical information about the skills of Italian students - OECD PISA 2012" (SEL 5/2012, profile E).
- 2010 Dr. Ronchi attended the course "Under the sky of Galileo in Florence", held in Florence from April 16 to 18, organized by the Research Group about the Pedagogy of the sky following the Movimento di Cooperazione Educativa (MCE) with Ministerial recognition according to DM 177/2000 by the Decree of 05/25/02.
- 2007 Dr. Ronchi attended to the course "The sky from the water", held in Sabaudia (LT) from October 26 to 28, and organized by the Research Group about the Pedagogy of the sky, following the *Movimento di Cooperazione Educativa (MCE)* with Ministerial recognition under DM 177/2000 by the Decree of 05/25/02.
- 2006 Cinzia Ronchi attended the workshop "Introduction to the Analysis Factorial and qualitative methods of classification" conducted by Prof. Bove and Dr. Paolo Giordani at the Department of Educational Sciences, University of Roma Tre.
- 2005 Dr. Ronchi attended to the course "Images of living: the sky and the city", held in Matera from June 13 to 15, and organized by the Research Group about Pedagogy of the sky, following the *Movimento di Cooperazione Educativa (MCE)* , with Ministerial recognition under DM 177/2000 by the Decree of 05/25/02.
- 2005 Dr. Ronchi attended the workshop "Introduction to statistical data analysis with SPSS" conducted by Prof. Giuseppe Bove at the Department of Educational Sciences, University of Roma Tre.
- 1999 Cinzia Ronchi qualified as a nursery school teacher, as a result of a National Competition (G.U. no. 33 of 04/27/1999).

1999 Cinzia Ronchi qualified as a primary school teacher as a result of a National Competition (G.U. no. 31 of 04/20/1999).

Participation in Research Projects

2010-15 Cinzia Ronchi has been collaborating to a research project entitled “Living beings and ecosystems. Intuitive knowledge and conceptual change”, conducted by Professor Paola Perucchini, Department of Cultural and Educational Studies, University of “Roma Tre”, Rome, Italy, Lorenzi Caterina, Department of Biology, University of Rome “Tor Vergata”, Rome, Italy, and Florence Labrell, Department of Psychology Laboratory CLEA (EA4296), University of Reims, Champagne-Ardenne, France. The general aim of the project is to investigate the development of Understanding in Ecology Domain, in children aged from 8 to 11 years. Dr. Ronchi contributed to the construction of the interview instrument, mainly for the aspects concerning the questions and the coding of the same - preparing a spreadsheet used by students to include the data in electronic format – and analyzed such data with the program SPSS for Windows. She supervised some students in planning and implementing the instructional activities arranged with the research team both during discussion meeting and online discussion in the forum dedicated to the research in the University of “Roma Tre” site.

2009-15 Cinzia Ronchi has been collaborating to a research project, conducted by Professor Paola Perucchini, Department of Cultural and Educational Studies, University of “Roma Tre”, Rome, Italy, Lorenzi Caterina, Department of Biology, University of Rome “Tor Vergata”, Rome, Italy, and Florence Labrell, Department of Psychology Laboratory CLEA (EA4296), University of Reims, Champagne-Ardenne, France, concerning the living/nonliving sorting and the attribution of biological properties to

living things in children from 4 to 6 years of age. Dr. Ronchi contributed to the construction of the semi-structured interview protocol and to the choice of the images showed to children during such interview. She collaborated to code children's responses and to analyze such data using the program SPSS for Windows. She took part in writing research reports and scientific publications presenting the results of individual studies at national and international Conferences.

2010 Dr. Ronchi participated for several months (from July to December 2010) to a research project entitled "Per una ri-lettura dell'infanzia" (=For a re-reading of childhood) funded by Lazio Region and coordinated by Prof. Bianca Spadolini, Department of Educational Sciences, University of "Roma Tre". She collaborated in entering the data of the questionnaires in electronic format and in analyzing such data using the SPSS program. Dr. Ronchi contributed to write the final draft of the research report in which the quantitative data were presented.

2005-08 When she was a phd student, Cinzia Ronchi conducted several empirical studies – some of which were later included in her Doctoral Thesis – concerning: 1) the construction of a structured paper-and pencil multimodal test aimed at identifying astronomic conceptions in children and adults; 2) the analysis of conceptual change in astronomy domain related to age and instruction; 3) the evaluation of the effectiveness of teaching in terms of conceptual change; 4) the comparison between teachers' beliefs about children's early knowledge and conceptions children actually held. She constructed the instrument and the related coding schemes and analyzed such data using SPSS for Windows. She supervised some graduate students in planning the instructional activities and implementing them with children. Cinzia Ronchi collaborated in writing research reports that have been presented in national and international Conferences, also contributing to the creation of a chapter in a book.

2005-06 After earning the Academic Degree, Cinzia Ronchi participated to the research project entitled "Development of astronomical conceptions in children," coordinated by Prof. Perucchini, and funded by the Department of Educational Sciences, University

“Roma Tre”. She contributed to the construction of the semi-structured interview protocol and planning the instructional activities, supervising graduate students during the implementation of such activities in relation to the methodological aspects. She also contributed to the writing of research reports on individual studies and the presentation of results at National Conferences.

Teaching

- 2015-18 Cinzia Ronchi was selected and , after taking a leave of absence from her school, worked for three school years as a primary school teacher at “Marco Polo” Italian private school, located into the Italian Consulate building in Istanbul, Turkey.
- 2004-13 Cinzia Ronchi has been teaching at the Laboratory of "Developmental Psychology and Education" associated with the teachings of Prof. Perucchini for students in the third year of the degree course in Primary Education, University of "Roma Tre". Since this laboratory includes some online activities, Dr. Ronchi worked as a discussion moderator at the forum dedicated to the laboratory opened into the University site.
- 2005-13 Dr. Ronchi is an Expert on the subjects “Developmental Psychology and Educational Psychology”, at the Science Education Department, Professor Paola Perucchini, University of “Roma Tre”, Rome, Italy.
- 2005-13 Cinzia Ronchi has been working as a primary school teacher at “Istituto Comprensivo Anzio III” - RMIC8C700E - a public school situated in Anzio (Rome), Italy.
- 2006-11 Dr. Ronchi gave a few lessons in the teachings of Prof. Perucchini in the Degree Course in Primary Education, Faculty of Education, University of "Roma Tre", concerning concept development and change in scientific domain, the theory of developmental stages proposed by Piaget, the role of the discourse in learning, ecc.

- 2006-07 Cinzia Ronchi worked as a disciplinary and online tutor in the Special Courses L.143/04 D.M. MIUR 85/05 organized by the Faculty of Education, University of "Roma Tre" aimed to give teachers the qualification for teaching in kindergarten and primary school. Dr. Ronchi taught in the Laboratory of Developmental Psychology and Education, collaborated in planning, preparation of materials available to teacher students on the University website, contributed to the construction of structured tests for the intermediate and final assessment of the students concerning the subject "Developmental Psychology and Education" (Prof. Perucchini).
- 2005-06 Dr. Ronchi was selected as a online Tutor in Special Courses L. 143/04, D.M. MIUR 21/05 organized by the Faculty of Education, University of "Roma Tre", aimed to give teachers the teaching qualification in kindergarten and primary school, and the special needs specialization. Cinzia Ronchi participated to: the online forum related to the discipline "Developmental Psychology and Education" (Prof. Perucchini) opened at the University site; the construction of the study material for student teachers; the correction of exams.
- 2011-12 Cinzia Ronchi has been an Expert on the subject "Methods of observations of child behavior", at the Department of Cultural and Educational Studies, Professor Paola Perucchini, University " Roma Tre", Rome, Italy.

Contributions by invitation

Labrell,F., Lorenzi, C., **Ronchi, C.**, Tatano, M. C., Perucchini, P.(2013). Preschoolers' conceptions about animals, plants and nonliving things and their biological properties. Individual Paper that will be presented to

Symposium "Approaches to early science education: children's competencies and learning potentials" *15th Biennial Conference. European Association for Research on Learning and Instruction (EARLI)* "Responsible Teaching and Sustainable Learning". Munich, Germany, August 27 to 31.

Ronchi, C. (2010). "Lines of psychological research about concept construction in science domain". Report on Teaching Biodiversity. Panel Discussion organized by the University of "Tor Vergata", Laboratory of Experimental Ecology and Aquaculture (LESA), and dedicated to Primary School teachers. Rome, November 27.

Perucchini, P., Lorenzi, C., **Ronchi, C.**, Tatano, M. C., Labrell, F. (2013). Preschoolers' conceptions about animals, plants and nonliving things and their biological properties. Individual Paper presented to the Invited Symposium "Approaches to early science education: children's competencies and learning potentials". *15th Biennial Conference EARLI 2013. Responsible Teaching and Sustainable Learning*, Munich, August 27 to 31.

Interventions at International Conferences

Ronchi, C., Perucchini, P. (2013). What teachers know, what they expect pupils know and the implication on learning: the case of astronomy. Individual Paper presented to Symposium "Training of Science teachers", 2nd International Conference *New Perspectives in Science Education*. Florence, March 14 to 15.

Lorenzi, C., Labrell, F., **Ronchi, C.**, Tatano, M. C., Perucchini, P. (2013). Children's conceptions about Animals, Plants and Nonliving Things before and after instruction. Individual Paper presented to Symposium "Studies on Science Education", 2nd International Conference *New Perspectives in Science Education*. Florence, March 14 to 15.

Ronchi, C., Labrell, F., Lorenzi, C., Tatano, M. C., Perucchini, P. (2011) Children's biological conceptions before and after instruction. Poster presented to Strand 1 "Learning science – conceptual understanding". In: *ESERA 2011, Science Education Research, 9th International Conference*, Lyon, 5 to 9 September 2011.

Ronchi, C., Perucchini, P. (2011) A multimodal analysis on consistency and item effect on children's conceptions about the Earth, the day-night cycle and Seasons. Individual Paper presented to Session "Assessment and Evaluation". In: *14th Biennial Conference. European*

Association for Research on Learning and Instruction (EARLI) "Education for a Global Networked Society", Exeter, 30 to 3 August 2011.

Ronchi C., Perucchini, P. (2009). Teachers' awareness about students' conceptions and its implications on teaching in the astronomy knowledge domain. Individual Paper presented to Session K (teacher thinking). In: *13th Biennial Conference: European Association for Research on Learning and Instruction (EARLI) "Fostering Communities of Learning"*, Amsterdam, 25 to 29 August 2009.

Interventions at National Conferences

Lorenzi, C., Tatano, M. C., Labrell, F., **Ronchi, C.**, Perucchini, P. (2012). Difficoltà nella costruzione dei saperi biologici ed ecologici da parte dei bambini (=Children's difficulty in constructing biological and ecological knowledge). Poster presented at: *XXII Congresso della Società Italiana di Ecologia (S.It.E.)*. Alessandria, September 10 to 13.

Ronchi, C., Tatano, M. C., Lorenzi, C., Perucchini, P. (2011) Fido è un animale, però non muore. Sviluppo e apprendimento del concetto di 'vivente' nei bambini di età prescolare e scolare (=Fido is an animal, but does not die. Development and learning of the concept of 'living' in children of preschool and primary school age). Paper presented to Symposium: "Promuovere l'apprendimento: gli effetti di contenuti, modalità e materiali di istruzione", *XXII Congresso Nazionale della Sezione di Psicologia dello Sviluppo* organized by AIP, Genova, September 19 to 21.

Ronchi, C., (2011) Il senso di giustizia nel bambino: tra il dire e il fare ... (=The sense of justice in the child: between saying and doing...). Individual Paper presented to Session: "Altruismo e senso di giustizia nello sviluppo psicologico", *Il ritorno della virtù. Riflessioni, valori e prospettive nella formazione degli insegnanti*, Roma, May 11, 2011.

Ronchi C., Tatano M C., Lorenzi, C., Perucchini P. (2011) Ma il sasso muore? Conoscenze ingenua e apprendimento del concetto di organismo vivente nei bambini (= Does the stone die? Naive knowledge and learning of the concept of living organisms in children). Paper presented to

Session: "The promotion of learning", II National Congress *In classe ho un bambino che ... Learning, emotions, motivations at school*, Florence, February 4 to 5.

Ronchi C., Perucchini P. (2009). Il Sole di notte sta sotto la Terra. (Mis)concezioni infantili, predizioni degli insegnanti e didattica dell'astronomia nella scuola primaria (Sun at night is under the Earth. Children's (mis)conceptions, teachers' predictions and astronomy teaching at primary school). Paper presented to: I National Congress "*In classe ho un bambino che...*". Florence, February 6 to 7.

Perucchini P, **Ronchi C.** (2008). Efficacia di diverse metodologie didattiche nell'apprendimento delle concezioni di Terra e ciclo di-notte (=Different teaching methods' effectiveness in learning Earth and day/night cycle concepts). Paper presented to: *XXII Congresso Nazionale della Sezione di Psicologia dello Sviluppo* organized by AIP. Padova, September 20 to 22.

Perucchini P, **Ronchi C.** (2007). Le concezioni di Terra e ciclo di-notte in bambini e insegnanti di scuola primaria (=Earth and day/night cycle conceptions in primary school pupils and teachers). Paper presented to: *XXI Congresso Nazionale della Sezione di Psicologia dello Sviluppo* organized by AIP. Bergamo, September 20 to 22.

Ronchi C., Perucchini P., Musa M. (2007). "Se la Terra fosse piatta come una focaccia, il mondo non centrerebbe tutto". Analisi delle concezioni infantili sulla forma della Terra e la forza di gravità prima e dopo un percorso di istruzione(="If the Earth was flat, the world would not get into it". Analysis of children's conceptions about the Earth and gravity force before and after instruction). Poster presented to: *Psicologia e Scuola*. Milano, May 28.

Perucchini P, **Ronchi C.** (2006). "L'orizzonte è dove tramonta il Sole". Concezioni astronomiche e intervento educativo (= "The horizon is where the Sun goes down". Astronomical conceptions and educational intervention). Individual Paper presented to: *XX Congresso Nazionale della Sezione di Psicologia dello Sviluppo* organized by AIP. Verona, September 15 to 17.

Ronchi C. (2006). Tra Tolomeo e Copernico. Il cambiamento nelle concezioni astronomiche dei bambini (= Between Ptolemy and Copernicus. The change in children's astronomical conceptions).

Poster presented to: Convegno Nazionale *Le concezioni scientifiche dei bambini: sviluppo ed educazione*. Rome, May 27.

Ronchi C. (2006). Tra Tolomeo e Copernico. Un'esperienza di ricerca (= Between Ptolemy and Copernicus. A research experience). Individual Paper presented to: *Giornata di studio rivolta agli studenti del Corso di laurea in Scienze della Formazione Primaria*, Faculty of Primary Education Sciences, University of "Roma Tre". Roma, January 19.

Ronchi C. (2005). Bambini della Luna. Un percorso di autismo e integrazione (=Children from the Moon. A path of autism and integration). Individual Paper presented to: Convegno *L'insegnante di Sostegno in prospettiva europea*, organized by A.M. Favorini and F. Montuschi, Faculty of Primary Education Sciences, University of "Roma Tre" and by SIPED. Roma, April 22.

Publication of scientific papers

Chapter in international volumes

Perucchini, P., **Ronchi, C.** (2008). Understanding of the earth and the sun: comparison among children, teachers and teachers' expectations on primary pupils. In: Labrell G., Chasseigne.G. (Eds) *Aspects du développement cognitif et langagier*. Publibook, Paris, p. 87-114, ISBN: 9782748344998.

Articles in National journals

Ronchi, C. (2013) Rassegna degli studi sulle (mis)concezioni astronomiche e il cambiamento concettuale in bambini e insegnanti di scuola primaria. *Giornale Italiano della Ricerca Educativa*, 11, 2013, pp. 176-193. ISSN:2038-9736.

Ronchi, C. (2008). Le stagioni dalla Terra al cielo. Un possibile percorso didattico per collegare l'esperienza al sapere scientifico (=Seasons from the earth to the sky. A possible instructional path

to connect the experience with the scientific knowledge). *Giornale di Astronomia*, vol. 2, 2008, pp. 34-39. ISSN: 0390-1106.

Proceedings and Abstracts of International Conferences

Perucchini, P., Lorenzi, C., **Ronchi, C.**, Tatano, M. C., Labrell, F. (2013). Preschoolers' conceptions about animals, plants and nonliving things and their biological properties. In *EARLI 2013 Book of Abstracts and Extended Summaries. Responsible Teaching and Sustainable Learning*, pp. 429-430. Url: <http://www.earli2013.org/about-the-earli-2013/earli-2013-book-of-abstracts/>

Ronchi, C., Perucchini, P. (2013). What teachers know, what they expect pupils know and the implication on learning: the case of astronomy. In *Conference Proceedings New Perspectives in Science Education* Edited By Pixel 2nd edition, pp. 395-399. Italia, Padova: Libreriauniversitaria.it Edizioni. ISBN:978-88-6292-351-4.

Lorenzi, C., Labrell, F., **Ronchi, C.**, Tatano, M. C., Perucchini, P. (2013). Children's conceptions about Animals, Plants and Nonliving Things before and after instruction. In *Conference Proceedings New Perspectives in Science Education* Edited By Pixel 2nd edition, pp.211-214. Italia, Padova: Libreriauniversitaria.it Edizioni. ISBN:978-88-6292-351-4.

Ronchi C., Labrell F., Lorenzi C., Tatano M. C., Perucchini P. (2012). Children's biological conceptions before and after instruction . In C. Bruguière, A. Tiberghien & P. Clément (Eds.). *E-Book Proceedings of the ESERA 2011 Conference: Science learning and Citizenship*. Part 01, Pinto R., Niebert K., pp. 72-78, Lyon, France: European Science Education Research Association. ISBN: 978-9963-700-44-8

Ronchi C., Perucchini P. (2011). A multimodal analysis on consistency and item effect on children's astronomical conceptions. In *Book of Abstracts and Extended Summaries. Education for a Global Networked Society. 14th Biennial Conference for Research on Learning and Instruction (EARLI)*, pp. 633-635. Exeter, Great Britain. Url: http://www.earli2011.org/media/Documents_EARLI2011/BookofAbstractsandSummaries.pdf

Ronchi C., Perucchini P. (2009). Teachers' awareness about students' conceptions and its implications on teaching in the astronomy knowledge domain. In *Digital Book of Abstracts. Fostering Communities of Learners. 13th Biennial Conference for Research on Learning and Instruction (EARLI)*, pp.8-9. Amsterdam, the Netherlands. Url: <http://usecue.com/xml/start.html>

Proceedings and Abstracts of National Conferences

Perucchini P, **Ronchi C.** (2008). Efficacia di diverse metodologie didattiche nell'apprendimento delle concezioni di Terra e ciclo di-notte (=Different teaching methods' effectiveness in learning Earth and day/night cycle concepts). In AA.VV. *Atti del XXII Congresso Nazionale AIP della Sezione di Psicologia dello Sviluppo*, pp.54-55.

Perucchini P, **Ronchi C.** (2007). Le concezioni di Terra e ciclo di-notte in bambini e insegnanti di scuola primaria (=Earth and day/night cycle conceptions in primary school pupils and teachers). In AA.VV, *Atti del XXI Congresso Nazionale AIP della Sezione di Psicologia dello Sviluppo (AIP)*, pp. 2-3. Url: <http://.farfalla-project.it/aip/contributi/simposio10.txt.html>.

Anzio, 14.10.2020

Cinzia Ronchi

