



UNIMORE

UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

3rd CONFERENCE

Innovation in science education in primary school and kindergarten: At the crossroads of science and humanities

November 21-22, 2014

University of Modena and Reggio Emilia.

In continuation of the previous two conferences, the 2014 conference will explore and deepen the theme of stories and narrative as a tool for both meaning construction and the development of formal thought from natural language. This theme has emerged as most interesting and innovative.

Seminars by internationally known scholars from different research areas in the sciences and humanities will deal with these subjects more deeply. The seminars will be followed by presentations and discussions of contributions by participants with experience in education research and practice.

The official language will be Italian. Consecutive translation and chuchotage will be provided.

The deadline for submitting abstracts for contributions has expired: acceptance of submitted contributions will be communicated by the scientific committee via email by the 25th of October. Selected contributions in the form of scientific papers will be published in the proceedings of the 2014 Conference.

Updated news about the congress will be published on the official website:

<http://www.pse.unimore.it/site/home/events/2014-conference.html>

Local scientific committee

Tiziana Altiero

Anna Maria Contini

Federico Corni

Maria Elena Favilla

Enrico Giliberti

Mauro Marchetti

International scientific committee

Tamer Amin, American University of Beirut, Libano

Michele D'Anna, Liceo di Locarno, Svizzera

José Cantó Doménech, Universitat de València, Spagna

Hans U. Fuchs, Zurich University of Applied Sciences at Winterthur, Svizzera

Paolo Lubini, Liceo Lugano 2 di Savosa, Svizzera

PROGRAM

FRIDAY 21 November 2014

Aula L1.1 (ex aula G)

Dipartimento di Scienze Fisiche Informatiche e Matematiche
Via G. Campi 213/A - MODENA

14:00 *Opening*

14:15 *The Complexity of Scientific Concepts: The Good and the Bad News for Educators*

Tamer Amin – American University of Beirut

15:15 *Stories and Meaning: What Students' Narratives Reveal about their Understanding of Scientific Topics.*

Jörg Zabel – University of Leipzig

16:15 Break

16:30 *The wisdom of children: open-ended questions that arise from experience.*

Luigina Mortari – Università di Verona

17:15 *Wind or Air? A Dialog About Forces of Nature, Emotion, and Good Stories.*

Hans U. Fuchs - Zurich University of Applied Sciences at Winterthur

Manuela Cervi – Educational consultant, Author

SATURDAY 22 November 2014

Aula Magna Manodori
Dipartimento di Educazione e Scienze Umane
Palazzo Dossetti - Via A. Allegri 9 – REGGIO EMILIA

9:00 *Opening*

9:15 *The linguistic structure of stories: morpho-syntactic and textual aspects.*
Maria Elena Favilla – Università di Modena e Reggio Emilia

9:45 *Constructing stories as educational tool to teach sciences in kindergarten.*
José Cantó Doménech – Universitat de València

10:15 *The role of mental simulation in understanding and in creating scientific concepts.*
Franco Landriscina – Allianz Spa e Università di Trieste

10:45 *Break*

11:10 *What happens before? Sustaining knowledge through the experiences between nursery and kindergarten.*
Daniela Soci – Sezione istruzione del Comune di Modena

11:40 *The project “Little scientists”: a narrative approach to sciences for in-service teachers.*
Federico Corni – Università di Modena e Reggio Emilia

12:00 Parallel sessions: contributions

13:30 *Lunch*

14:30 Parallel sessions: contributions

17:00 Closing comments

Proceedings of the previous conferences:

- *Innovazione nella didattica delle scienze nella scuola primaria: al crocevia fra discipline scientifiche e umanistiche* – a cura di F. Corni, C. Mariani, E. Laurenti. ISBN 9788864620916. Ed. Artestampa, Modena, 2011.
- *Innovazione nella didattica delle scienze nella scuola primaria e dell’infanzia: al crocevia fra discipline scientifiche e umanistiche* – a cura di F. Corni e T. Altiero. ISBN 9788897683414. Ed. Universitas Studiorum, Mantova, 2014.