

## PURPOSE

An international workshop focusing on new research perspectives and methodologies for understanding and promoting change in typical and atypical development. The workshop will bring a cutting edge view on the interplay between early skills and the environment and the connections between theoretical and intervention models with an interdisciplinary and cross-population approach. Scholars, researchers, clinicians, and students will have the opportunity to discuss new approaches, methodologies and protocols for studying typical and atypical development and how to transfer this knowledge to clinical and educational settings.

The workshop is organized by the Developmental Psychology Lab and the Psychometrics Lab of the Department of Psychology, University of Bologna, in collaboration with the Infant Communication Lab of the Department of Psychology, University of Pittsburgh, and the Learning Research and Development Center of the University of Pittsburgh.

**Sponsorship and grant** of the University of Bologna innovative project *Progetto Innovativo nell'Ambito degli Accordi di Cooperazione Internazionali "Implementing a cross-cultural, cross-population and Interdisciplinary methodology for studying development"*.

### Sponsorship



## SCIENTIFIC COMMITTEE

**Alessandra Sansavini**, University of Bologna  
**Jana Iverson**, University of Pittsburgh  
**Annalisa Guarini**, University of Bologna  
**Mariagrazia Benassi**, University of Bologna  
**Melissa Libertus**, University of Pittsburgh  
**Klaus Libertus**, University of Pittsburgh  
**Giacomo Faldella**, University of Bologna  
**Luigi Corvaglia**, University of Bologna  
**Antonella Brighi**, University of Bologna and University of Bolzano

## REGISTRATION

Registration should be done online at:

<https://eventi.unibo.it/understanding-and-promoting-change-in-typical-and-atypical-development>

**Deadline for registration:** September 30, 2018.

Registration is free but mandatory.

### Local organizing committee:

Alessandra Sansavini, Annalisa Guarini, Mariagrazia Benassi, Mariagrazia Zuccarini, Marta Dell'Omo, Felicia Roga, *University of Bologna*.

### POSTER SESSION AND BEST POSTER AWARD

To submit a Poster, see the call on the workshop website. Posters have to be submitted by mail to: [psi.understanding-and-promoting-change@unibo.it](mailto:psi.understanding-and-promoting-change@unibo.it)

**Deadline for submission:** September 22, 2018.

A best poster award (€ 300) will be assigned.



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

**University of Bologna and  
University of Pittsburgh  
Departments of Psychology**

**Joint International Workshop**

***UNDERSTANDING AND PROMOTING  
CHANGE FROM EARLY TO COMPLEX  
SKILLS IN TYPICAL AND ATYPICAL  
DEVELOPMENT:  
A CROSS-POPULATION APPROACH***

**October 10-11, 2018**

**Main Hall**

**Department of Psychology  
University of Bologna  
Viale Berti Pichat 5, Bologna**

# PROGRAM

## OCTOBER 10

9:00 - 9:20 Opening

**Vincenzo Natale**, Director of the Department of Psychology, University of Bologna, Italy.

Representatives of Scientific Associations.

9:20 – 9:30 Introduction

**Alessandra Sansavini**, University of Bologna, Italy.

9:30 - 10:15 *Developmental Trajectories and Consequences of Early Motor Skills: Differences between infants at low and high risk for ASD.*

**Klaus Libertus**, University of Pittsburgh, US.

10:15 - 11:00 *The dynamic give and take of early communicative development: Verbal and nonverbal communication in parent-child interaction.*

**Jana Iverson**, University of Pittsburgh, US.

11:00 - 11:30 Coffee break

11:30 - 12:15 *Early communication, language and cognitive development in preterm and full-term children: The role of action, interaction, and contextual factors.*

**Alessandra Sansavini**, University of Bologna, Italy.

12:15 - 13:00 *Late talking toddlers: Beyond a lexical delay.* **Maria Cristina Caselli, Arianna Bello**, ISTC-CNR and University Roma Tre, Roma, Italy.

13:00 - 14:00 Lunch

14:00 - 15:00 Poster session

15:00 - 15:45 *Mechanisms of change: Language intervention under 3 years.*

**Luigi Girolametto**, University of Toronto, Canada.

15:45 - 16:30 *Learning by observation or by doing: lessons from atypical development.*

**Stefano Vicari, Floriana Costanzo, Deny Menghini**, Bambin Gesù Hospital, Roma, Italy.

16:30 - 17:00 *Motor consistencies between action and gesture imitation and their relation to language skills in school-age children.*

**Laura Sparaci, Domenico Formica, Olga Capirci**, ISTC-CNR, and University Campus Biomedico, Roma, Italy.

17:00 - 17:30 General Discussion

## OCTOBER 11

9:00 - 9:45 *Sleep as a context for studying bio-behavioral regulation and developmental change.*

**Anat Scher**, University of Haifa, Israel.

9:45 - 10:30 *Early life adversity, epigenetics and parental intervention in atypical development.*

**Rosario Montiroso, Livio Provenzi, Lorenzo Giusti**, IRCCS Eugenio Medea, Bosisio Parini, Italy.

10:30 - 11:00 Coffee break

11:00 - 11:25 *The development of relational skills in preterm babies according to the severity of prematurity.* **Francesca Agostini**, University of Bologna, Italy.

11:25 - 11:50 *Emotion regulation development in preterm and full-term infants: The integrated role of dyadic, maternal and infant factors.*

**Maria Spinelli, Mirco Fasolo, Tiziana Aureli**, University G. d'Annunzio, Chieti-Pescara, Italy.

11:50 - 12:15 *Motion and form perception in extremely preterm children.*

**Mariagrazia Benassi, Sara Giovagnoli, Kerstin Hellgren**, University of Bologna, Italy, and Karolinska Institutet, Sweden.

12:15 - 12:40 *Very preterm birth and academic achievements: reading, spelling and maths.*

**Annalisa Guarini**, University of Bologna, Italy.

Lunch 12:40 - 14:00

14:00 - 14:45 *Structural and functional brain development and cognition following very preterm birth in adult life.* **Chiara Nosarti**, King's College, London, UK.

14:45 - 15:30 *From early neuroplasticity to early intervention: The model of neonatal brain damage.*

**Andrea Guzzetta**, IRCCS Stella Maris, Pisa, Italy.

15:30 - 15:55 *Early literacy and numeracy skills: early identification and intervention in preschool settings.*

**Paola Bonifacci**, University of Bologna, Italy.

15:55 - 16:20 *Playing with numbers counts: the role of parents in the development of preschoolers' numeracy skills.*

**Carlo Tomasetto**, University of Bologna, Italy.

16:20 - 16:50 General Discussion

16:50 - 17:00 Best poster award

17:00 - 17:15 Conclusion