

# Preface

This is the third and last volume in the series inspired by the cycle of three seminars connected to the celebrations of the 150th anniversary of the Politecnico di Milano, entitled *The Visual Language of Technique Between Science and Art: Heritage and Expectations in Research and Teaching* and focused on *History and Epistemology* (May 2013), *Research* (June 2013), *Education* (July 2013). The book presents the contributions to the third meeting on the use of the *image* in education.

As the previous two books, the volume includes two *Forewords*, written by the Director of the Ph.D. School and by the Dean of the School of Architettura e Società of the Politecnico di Milano, emphasizing the crucial role of *visual representation* in the Engineering, Architecture and Design curricula. The topic is approached in *Part I*, through a short introduction, an *interview* with Piero Angela, father of the Italian science journalism, and an introductory essay. The following essays included in *Part II* concern the invited international lecturers' contributions on Graphics Education, on its tradition and its present and prospective innovations. *Part III* includes talks related to the poster session *Images in Education*, where students, Ph.D. students, graduates and teachers of the Politecnico discuss their experiences and proposals about the graphic education in the University, as well as its connections with the Secondary School and with the Professional world. The *Conclusion*, proposes a report based on the discussion related to the Round Table and a *Tentative afterword*, while the *Appendix*, aiming at *hearing from the future*, collects the opinions of some interviewed students enrolled at our University.

The book is recommended to scholars, teachers, students and to all those people who are interested in the intriguing point of enhancing education in the field of *visual representation* in relation to Engineering, Architecture and Design. More about the cycle of seminars can be found at: <http://www.150.polimi.it>.

I would like to thoroughly thank all the invited lecturers and speakers, for their inspiring contributions and for the essays included in this volume, together with all those students, colleagues and friends who have attended the seminar and participated in the discussion, and Prof. Federico Brunetti also for the photographic records of the event. Thanks to my students Mihai Dragos Potra for recording the students' interviews, Violeta Popova, Pavlina Malinova, Caterina Scalzo, for

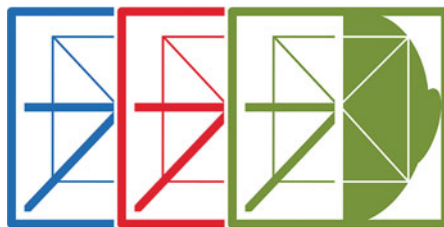
helping me in transcribing, translating, and formatting the published materials, Kostiantyn Komarovskiy, Ksenia Philippova and again Caterina Scalzo for redrawing and/or modifying some of the images included in the book. My gratitude goes to my wife, Francesca Scherillo, for her presence and help, and for the many wise advices. Finally, I would like to express my thanks to the School of Architettura e Società, to the administrative and technical staff of the Politecnico di Milano, to the team that helped me with the interview with Piero Angela, video-recorded in Rome, and to the Staff in charge for the 150th celebrations.

Milan, March 2014

Luigi Cocchiarella



The official logo of the sesquicentennial



Seminar Logo<sup>1</sup>

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<sup>1</sup> (Designed by the Author. Assembled by the Communication Staff of the Politecnico di Milano)

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