

## NICOLETTA DI BLAS – CV SUMMARY

August 2020

### *Current position*

Associate professor with the Department of Electronics, Information and Bioengineering at Politecnico di Milano, in “Special Pedagogy” (Italian Scientific Sector M-PED/03).

### *Research interests*

Innovative education, technology-based communication, communication for cultural heritage.

### *Teaching activities*

From 1999 up to now: courses on how to apply communication principles to ICT and on communication skills at bachelor, graduate and PhD level at Politecnico di Milano.

From 2004 to 2011: appointed professor, Università della Svizzera Italiana of Lugano, teaching communication for cultural heritage at the master in Technology-Enhanced Communication for Cultural Heritage.

In 2010 and 2011: visiting professor, City University of Hong-Kong, course on digital storytelling for cultural heritage at the master in New Technologies and Cultural Heritage Management.

### *Projects*

Participation to 12 international and 9 national projects; coordinator of a H2020 project with 16 partner (2015-2018).

Participation to a number of private-funded projects in the fields of Innovative Education that have involved more than 200,000 students and teachers from all over the world.

Participation to 13 projects with cultural institutions in Italy and Switzerland (digital storytelling for Cultural Heritage).

### *Appointments*

Scientific director of DOL, online master in technologies for education, aimed at teachers on the job<sup>1</sup>. Co-director of MIDIS, master on Innovation at school<sup>2</sup>, in cooperation with MIP (the managerial school of Politecnico).

Responsible of the Innovation & Entrepreneurship courses within the EIT digital master programs on Data Science and Human Computer Interaction at Politecnico di Milano<sup>3</sup>.

### *Awards*

Invited at the “Vision Summit” (Toronto, August 2013) about badges in education by Mozilla Foundation and McArthur Foundation; member of Mozilla’s “visionary team” in education up to 2015.

“Conference highlight” at Online Educa Berlin in 2012, 17 highlights out of 400 presentations.

4 outstanding paper awards: 2010, eLearn conference, 4 awards out of 466 papers; 2008, eLearn conference, 8 awards out of 687 papers; 2006, EdMedia conference, 9 awards out of 503 papers; 2017, SITE (Society for Information and Teacher Education) conference, Ann Thompson award.

### *Publications*

138 publications: 108 at international and 30 at national level. Of these: 9 in cat. A journals, more than 100 articles/book chapters; 5 monographs.

H-index: 20 (data from Google Scholar, August 2020).

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<sup>1</sup><http://www.dol.polimi.it/>

<sup>2</sup><http://www.mip.polimi.it/it/offerta-formativa/istituzioni-e-pubblica-amministrazione/master/midis/>

<sup>3</sup><https://www.mastereit.polimi.it>

# NICOLETTA DI BLAS

*Curriculum Vitae – August 2020*

## EDUCATION

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2001. PhD in Linguistic Sciences. Doctoral thesis on: “The deictic function of the definite article” (Catholic University, Milan, Italy).

1996. Degree in Classics: 110/110 cum laude. Degree thesis in general linguistics on: “Doubt and Certainty in the Greek and Latin lexicon” (Catholic University, Milan, Italy).

1989. (Scientific) high school diploma: 60/60 (Liceo Scientifico A. Gramsci, Ivrea [Torino], Italy).

## LANGUAGES

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### *Modern languages*

Italian (mother tongue)

English (Proficiency diploma, Cambridge University, 1998 – fluent, excellent writing and speaking skills)

French (good reading, listening and speaking skills, fair writing skills)

German (Grundstufe III level, zweite hälfte, Goethe Institut - fair reading comprehension)

Arabic (basics)

### *Classical languages*

Ancient Greek (good translation skills)

Latin (good translation skills)

Ancient Hebrew (basics)

## CURRENT POSITION

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2005 – present. Associate Professor (tenure track) at the Department of Electronics, Information and Bioengineering of Politecnico di Milano

## TEACHING

### TEACHING ASSIGNMENTS – ITALY – POLITECNICO DI MILANO

Master of science in Engineering of Computing Systems				
<i>Title</i>	<i>Level</i>	<i>Credits</i>	<i>Years</i>	
Information and ICT: principles and applications	Graduate	5	Since 2018	
Scientific Communication	Graduate – Honors Program in Scientific Research	3	Since 2018	
Communication skills embedded in the Technologies for Information Systems course	Graduate	1	Since 2018	

  

Master of science in: Electrical Engineering, Nuclear Engineering, Energy Engineering, Biomedical Engineering				
<i>Title</i>	<i>Level</i>	<i>Credits</i>	<i>Years</i>	
Communication and Argumentation	Graduate	5	Since 2018	

  

Bachelor in Chemical Engineering				
<i>Title</i>	<i>Level</i>	<i>Credits</i>	<i>Years</i>	
Communication Skills embedded in the final project	Bachelor	3	Since 2018	

**1999- 2018**

Como Campus.

Bachelor and master of science in Engineering of Computing Systems

<i>Title</i>	<i>Type</i>	<i>Credits</i>	<i>Years</i>	
Information and ICT: principles and applications	Graduate	10	2014-2018	
Communication and society	Graduate	5	2005-2013	
Information and communication quality	Graduate	5	2005-2013	
Foundations of communication sciences	Bachelor	5	2005-2013	
Computer science project	Bachelor	2,5	2008-10	
Sociology of Communication	Graduate	10	2002-05	
Communication project	Graduate	2,5	2002-05	
Communication Theory (as TA)	Graduate	10	1999-2001	

2017-present      Communication Lab, 1.5 CFU, Alta Scuola Politecnica (honors program by the 2 most relevant Italian technical universities: Politecnico di Milano and Politecnico di Torino).

2017-present      Professional Communication, 3CFU, Politecnico doctoral school.

2016-2017      Professional Communication, 3CFU, Dept. of Electronics, Information and Bioengineering doctoral school.

2016-2018      Tutorship for two projects at Alta Scuola Politecnica, both in cooperation with IBM: on the gap between academia and industry in terms of soft-skills (2016-17) and on conversational chatbots for education (2017-18).

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TEACHING ASSIGNMENTS – ABROAD

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2004-11 UNIVERSITÀ DELLA SVIZZERA ITALIANA (*University of Italian Switzerland*)  
Master in Technology-Enhanced Communication for Cultural Heritage

<i>Title</i>	<i>Type</i>	<i>Credits</i>	<i>Years</i>
Communication for cultural heritage	Master	3	2004-2011
Multi-channel communication lab	Master	3	2007-2011

2010-11 HONG-KONG CITY UNIVERSITY  
Master in New Technologies and Cultural Heritage Management

<i>Title</i>	<i>Type</i>	<i>Credits</i>	<i>Years</i>
Digital Storytelling for cultural heritage	Master	3	2010 and 2011

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OTHER TEACHING ASSIGNMENTS AND PROFESSIONAL COURSES

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2012, April-May. Master in business innovation & ICT management. Teacher of the module: “Human Interaction Design” at MIP School of Management, Politecnico di Milano. 6 hours

2012, January. Accademia di belle arti (Academy of Fine Arts) Santa Giulia, Brescia (Italy). Teacher of the module “Multimedia design for cultural heritage”. 10 hours

2005-07. Doctoral School of IMT Lucca, Institute for Advanced Studies (Italy). Teacher assistant of the module “Communication for Cultural Heritage”. 12 hours

2003-08. Information and Communication Technology master at the CEFRIEL research institute<sup>4</sup>. Teacher of the module “Communication Techniques”. 6 hours (years 2003-06) and 12 hours (years 2007 and 2008).

2002-03. Master in Bioethics at the Faculty of Medicine of the Catholic University of Rome (Italy). Appointed professor in Communication Methods (1,2 credits).

2001-03. Expert on the subject in Computational Linguistics and in Philosophy of Language, Catholic University, Milan.

2001, 2-4 October. Teacher Assistant of the module “Modelling of Multimedia products” within the course “Systems of Digital Publishing for Cultural Heritage. Processes and methodologies of perception and communication” (Cortona, Scuola Normale Superiore di Pisa, Italy)

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<sup>4</sup> [www.cefriel.it](http://www.cefriel.it)

## APPOINTMENTS

### INSTITUTIONAL ROLES

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2016-present	<b>Co-director of MIDIS<sup>5</sup>, a blended master</b> on Innovation at school, in cooperation with MIP (the managerial school of Politecnico).
2015-present	<b>Director of DOL<sup>6</sup>, online master</b> on technologies in education aimed at teachers on the job by Politecnico di Milano.
2017-present	Responsible of the Innovation & Entrepreneurship courses within the EIT digital master programs on Data Science and Human Computer Interaction at Politecnico di Milano.

### SCIENTIFIC AND PROGRAM COMMITTEES

Nicoletta Di Blas has participated in the organization of the following conferences:

- 2015. Demo chair of eLEOT (International Conference on e-Learning e-Education and Online Training) – September 16-18, Novedrate (Como), Italy.  
<http://eleot.org/2015/show/home>
- 2009. Short paper chair of IDC (Interaction Design and Children) – June, 3-5, 2009, Como, Italy.
- 2001. Demo chair of ICHIM (International Cultural Heritage Informatics Meeting)– Sept., 3-7, 2001 Milano, Italy.

She is/has been part of the scientific committees of the following conferences:

- AVI (international Working Conference on Advanced Visual Interfaces) 2014
- BH (Built Heritage) conference 2013
- CSCL (Computer Supported Collaborative Learning) conference from 2011 up to now
- eLEOT (e-Learning e-Education and Online Training) 2014, 2015
- ENTER (eTourism conference) 2012, 2013, 2014
- IADIS (Interfaces and Human Computer Interaction) conference 2009 and 2010
- ICLS (International Conference for the Learning Sciences) conference 2006, 2007, 2008
- IDC (Interaction Design and Children) 2013, 2014, 2015
- INTERACT (IFIP Conference on Human-Computer Interaction) 2013
- MCCSIS – IADIS multi-conference on computer science and information systems, 2010
- VSMM – Conference on Virtual Systems and Multimedia, 2008

Di Blas is on the advisory board of the following journals:

- JTATE Journal of technology and Teacher Education of the Association for the Advancement of Computing in Education (AACE). JTATE ranks as the SECOND journal in “Teacher Education and Technology” (H-Index). ISSN 1059-7069.
- IJEL International Journal on eLearning of the Association for the Advancement of Computing in Education (AACE). ISSN 1537-2456
- EAI Transactions on e-Learning. <http://eai.eu/transaction/e-learning> (from 2014)

Di Blas is/has been a reviewer for the following journals:

- Computer Assisted Language Learning (<https://www.tandfonline.com/loi/nca20>)
- Computers & Education (<https://www.journals.elsevier.com/computers-and-education/>)

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<sup>5</sup> <http://www.mip.polimi.it/it/offerta-formativa/istituzioni-e-pubblica-amministrazione/master/midis/>

<sup>6</sup> <http://www.dol.polimi.it/masterdol/>

- REM, Research on Education and Media ([www.sirem.org/rem/](http://www.sirem.org/rem/))
- IEEE Transactions on Human-Machine System
- ACM Journal on Computing and Cultural Heritage ([jocch.acm.org/](http://jocch.acm.org/))
- Journal of Museum Management and Curatorship (MMC; [www.tandf.co.uk/journals/rmmc](http://www.tandf.co.uk/journals/rmmc))

2016. Di Blas was member of the “Cantiere Scuola Digitale” of Forum PA ([www.forumpa.it/scuola-digitale](http://www.forumpa.it/scuola-digitale)). Forum PA is an Italian company that has been organizing for more than 25 years a national convention in Rome on the digital innovation of public administration. The “cantiere scuola digitale” is a workshop gathering experts in charge of facilitating innovation in the Italian school system.

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#### VISITING EXPERIENCES

2013, August. Invited speaker at the “Vision Summit” in Toronto about badges in education by **Mozilla Foundation** and **McArthur Foundation**. Di Blas then served as member of the “Badges visionary team”, one of the only two members from Europe, from 2013 to 2015.

2010-2011. Visiting scholar at the **Hong Kong City University**, in the frame of the Intelligent Heritage series of the “New Technologies and Cultural Heritage Management” master course.

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#### AWARDS

2017. Ann Thompson best paper award

Di Blas, N., Paolini, P. (2017). Distributed and Dynamic TPACK as an Educational Approach. Proceedings of Society for Information Technology & Teacher Education International Conference 2017.

The research on the interpretation of TPACK as distributed and dynamic was put on evidence by the [tpack.org](http://tpack.org) community (1091 scholars) as one of the future key research lines in the field.

2012. Conference highlight

Di Blas, N. (2012) Interactive Digital Storytelling in Formal Education: PoliCultura and 20,000 Students Telling Multimedia Stories. Online Educa Berlin 2012, Berlin, 20-30 November 2012.

The presentation was selected as one of the conference’s highlights, with 17 highlights out of more than 400 presentations.

2010. Outstanding paper award

Di Blas, N., Paolini, P., Torrebruno, A. (2010). Digital Storytelling at School. Does the TPACK Model Explain What’s Going On?. In J. Sanchez & K. Zhang (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2010* (pp. 2239-2248). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). ISBN 978-1-880094-83-9.

4 awards out of 466 papers

2008. Outstanding paper award

Di Blas, N., Paolini, P., Poggi, C. (2008). 3D Worlds to Learn and Play: 6 Years of Projects with an Engaging, Pedagogically Effective, and Versatile Educational Format. In G. Richards (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008* (738-745), Chesapeake, VA: AACE.

8 awards out of 687 papers

2006. Outstanding paper award

Di Blas, N., Poggi, C., Torrebruno, A. (2006). Collaboration and Playful Competition in a 3D Educational Virtual World: The Learning@Europe Experience. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (1191-1198). Chesapeake, VA: AACE.

9 awards out of 503 papers

## RESEARCH

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### RESEARCH FOCUS

Di Blas' research investigates how technology is changing education and how to evaluate the impact. Her research is based on data from large-scale, real-life projects by HOC-LAB, in which she is involved as instructional designer, editor and evaluator. Technologies and formats include 3D collaborative environments, digital storytelling, Massive Online Open Courses, educational chatbots, etc.

Her current focus is on the interpretation of the TPACK model (Technology, Pedagogy and Content Knowledge model) in a dynamic and distributed sense. The TPACK model identifies the 3 knowledge domains a teacher needs to be in command of in order to implement an ICT-based educational activity; the distributed and dynamic interpretation of the model underlines the fact that not all the 3 Ks need to reside in the teacher's heads, but can be distributed within the system (students, tools, colleagues, external helpers...) and also evolve in the course of the experience so that the final distribution differs from the initial one. The study of how cognition is distributed (which draws on distributed cognition theories) and how it "flows" among those involved in the experience has substantial consequences on the design and interpretation of educational experiences as well as on teachers' training, both at school and higher education level.

Previous research interests include various aspects of computer-mediated communication, such as usability, accessibility for visually-impaired users, linguistic interpretation in terms of a "dialogue" of human-computer interactions.

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### RESEARCH ACTIVITIES

Since 2000, Di Blas has been member of HOC-LAB at the Department of Electronics, Information and Bioengineering of Politecnico di Milano (<http://hoc.elet.polimi.it>). HOC-LAB is specialized in (1) methodologies – for design, requirements analysis, usability and accessibility; (2) tools – e.g. engines for 3D collaborative virtual worlds, digital storytelling authoring tools – and (3) large scale, real-life applications and services, especially on technology for education and for cultural heritage.

She has taken part into 12 international (as principal investigator in 6) and 9 national research projects (in 1 as coordinator). **She coordinated the H2020 project City4Age (2015-2018, 16 partners – 4,5M euros funding).**

She has cooperated (as experience designer, content editor and evaluator) to 4 different educational programs based on Multi-Users Virtual Environments that involved more than 9,000 students from 18 European countries, Israel and USA, as well as to a number of other ICT-based educational programs by HOC (see comprehensive list below).

She is the scientific coordinator of PoliCultura, a competition on digital storytelling for schools. This program has involved 40,000 students ca. this far, of all school grades. In 2015, she was responsible for the instructional design of PoliCulturaExpoMilano2015, the competition for schools by Expo Milano 2015 (the Universal Exposition that took place in Milan). **Policultura is supported by Politecnico** (more specifically, by the Industrial and Information Engineering and the Environmental Engineering Schools) and by some sponsors, as well as self-funded by HOC-LAB.

Furthermore, she has worked at 13 digital storytelling applications as designer, executive producer, content editor for various cultural institutions.

## INTERNATIONAL RESEARCH PROJECTS

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ELSE (Eco/logical Learning and Simulation Environments in Higher Education). Erasmus+ program (2018-1-IT02-KA203-048006); Call: 2018 KA2 - Cooperation for Innovation and the Exchange of Good Practices KA203 - Strategic Partnerships for higher education; Amount granted: 35k euro; 09/03/2018-03/02/2021. Di Blas is principal investigator.

EIT (European Institute for technology): I&E Improvement. Responsible for the activation of blended learning for the “Innovation and Entrepreneurship” courses at the EIT/Politecnico masters in Data Science and Human-Computer Interaction. Amount granted (overall, this far): 100k euro ca.; 01/01/2017-ongoing. Di Blas is principal investigator

City4Age. Horizon 2020; Call: H2020-PHC-2015-single-stage; Topic: PHC-21-2015; Type of action: RIA; Grant Agreement #689731; overall amount granted: 4.5 M euro (450 keuro to POLIMI); 12/01/2015-31/05/2018. Di Blas was coordinator

EIT (European Institute for technology), TASK 17221-A1703: Development of the Blended Master in Data Science. Development of a MOOC (Massive Online Open Course) to be deployed in Coursera, on the POLIMI course “Recommender System” by prof. Cremonesi. The course is part of the Blended Master in Data Science. Amount granted: 100k euro; 01/01/2017-12/31/2017. Di Blas was principal investigator.

DIS-CODE (Disconnected, discouraged, disenabled? Let’s code!”). Erasmus+ program with Fondazione Politecnico di Milano, call 2016, on introducing computational thinking at school. KA 201 Strategic Partnership for school education, agreement no. 2016-1-IT02-KA201-024525 Amount granted: 22k euros. Duration: 01 November 2016 - 31 December 2018 (26 months).

EBA. European Badge Alliance. Erasmus+ program (2015-1-IT03- KA205-005757). Amount granted: 27k euros. Duration: 09/01/2015-09/01/2017 (24 months). Di Blas was principal investigator.

TALES. European Union Comenius program (project number: 539033-LLP-1-2013-1-BE-COMENIUS-CMP). Amount granted: 50k euro. Duration: 11/01/2013 – 11/01/2015 (24 months). Di Blas was principal investigator.

COMFIT (Comunicazione Multimediale Integrata per la Filiera del Turismo – Integrated Multimedia Communication for Tourism). Interreg project. ID 13737544. Amount granted: 364,920 euros. Duration 11/01/2010 - 03/31/2013 (29 months).

MAPS (Marketing Activities for the Promotion of Syrian Cultural Heritage). European Union Cultural Tourism Development Program. Amount granted: 90,000 euro. Duration: 02/01/2006 – 07/30/2006 (6 months).

VNET5 – Advanced User-Centred Product Creation. European Union IST Programme – EU contract N. IST-2000-25465. Amount granted: 149,403 euros. Duration: 09/01/00-08/31/02 (24 months). <http://www.vnet5.org/>.

WED (WEb as Dialogue). Swiss National Research Fund – FNSRS 105211-102061/1. Amount granted: 150,000 CHF. Duration: 09/01/2003-09/01/2005 (24 months).

HELP: Seeing a work of art by visually impaired people. European Commission, Culture 2000. [www.munchundberlin.org](http://www.munchundberlin.org).



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## NATIONAL RESEARCH PROJECTS

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BASE5G: on the use of virtual and augmented reality to enhance education. In cooperation with Vodafone, AKKA, LIFE, ANOTHERREALITY, YAPE. Amount granted: 35.829,83 euros. Duration: 01/13/2020-2022 (30 months).

VODAFONE 5G PROGRAM, on the use of virtual and augmented reality to enhance tourism (use-case “Tourist 4.0”) and higher education (use-case “Virtual class”). Financed by Vodafone plus a number of other Italian telco companies. Amount granted: 30k euros. Duration: 10/01/2018-06/30/2020.

POLISOCIAL – SCAR project. On the role of schools to enhance understanding and communication of peripheral urban areas. Project funded by Politecnico di Milano, under the Polisocial program. Amount granted: overall, 80k euros (split among the partners). Duration: 01/04/2018-01/04/2020 (24 months). Di Blas is coordinator.

SALA DELLE ASSE DI LEONARDO. Applied research collaboration to communicate the restoration activities of the “Sala delle Asse” at the Sforza Castle of Milan (Accordo di collaborazione per la realizzazione di una ricerca applicata avente come obiettivo la comunicazione delle attività di restauro delle decorazioni pittoriche della Sala delle Asse del castello sforzesco, tra Comune di Milano e Politecnico di Milano). Overall amount granted: 172,000 euros. Duration: 10/30/2013-11/30/2015 (25 months) and Jan. 2018-Dec. 2018 (12 months). Di Blas was coordinator.

EDOC@WORK3.0 (Education and Work on Cloud). Progetto PON04a2\_B, PON Ricerca e Competitività 2007 – 2013. D.D. Prot. n.84/Ric. del 2 marzo 2012. Amount granted: 405k euros. Duration: 11/30/2013 - 11/30/2015 (24 months).

Voci, Parole e Testi della Campania (Voices, Words and Texts from the Campania Region); POR CAMPANIA FESR 2007-2013. Valorization through (1) multimedia digital stories, (2) interactive applications and (3) an archiving SW for three archives of the Campania region. Amount granted: 70,000 euros. Duration: 12/09/2012-12/09/2015 (36 months).

L4All (Learning for All: is everyone learning?). Firb, RBNE07RCPX. Investigation on how technology for education can enhance inclusion. Amount granted: 280,273. Duration: 06/10/2009 - 12/10/2012 (42 months).

Comunicare la qualità dei prodotti biologici: dal web all’iPhone (Communicating the quality of organic products, from the web to iPhone). Agreement between “Consiglio per la Ricerca e la sperimentazione in Agricoltura – Centro di ricerca per la Produzione delle Carni ed il Miglioramento genetico (CRA-PCM)” and the Dept. of Electronics and Information of Politecnico di Milano, protocol n. 200801544. Amount granted: 34,000 euros. Duration: 06/19/2008-06/19/2009 (12 months).

DICE (Distributed Infrastructure for Cultural Heritage). Programma Operativo Nazionale, progetto n° 13023. Duration: 11/2002-11/2005 (36 months).

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## PRIVATE FUNDING PROJECTS

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### FORMAL EDUCATION

2006-present. PoliCultura: a national **competition on digital storytelling** at school. More than 40,000 students of all school grades (from pre-school to high school) have taken part so far. Self-financed through support by Politecnico and sponsorships. Di Blas is coordinator (since 2016). [www.policultura.it](http://www.policultura.it).

2013-2015. Instructional designer for the official **competition for schools by Expo Milano 2015**, the Universal Exposition held in Milan in 2015. [www.policulturaexpo.it/world](http://www.policulturaexpo.it/world); <http://www.progettoscuola.expo2015.org/en/competitions/policultura-expo>).

2003-2012. Designer, editor, instructor and evaluator in the **PoliScuola program**, a set of coordinated actions to promote the use of technologies at school. PoliScuola was supported by a private foundation (Fondazione Cariplo), the Italian Ministry of Education and the final users. More specifically:

2007-2008. PoliLabKids: **interactive animations** about physics, math, science...for primary school children. Financing: 100,000 euros. [www.polilabkids.it](http://www.polilabkids.it)

2007 and 2012. PoliCollege: a set of online modules for “excellent” high-school students.

2005-2011. Hi-Tec: on-line and in-presence (at Politecnico di Milano) courses for high-school students. Di Blas was the coordinator of the course “Communication and new technologies”. Financing: 50k euros approx.

2002-09. Designer, editor and evaluator of **educational experiences** based on **Multi-Users Virtual Environments (3D)** for junior and high-school students.

2002-04. SEE (Shrine Educational Experience): in cooperation with the Israel Museum and with the support of the Dorot Foundation, on the “Dead Sea Scrolls” and related religious, historical, sociological issues. Over 1,400 middle and high school students from Italy, Israel and Belgium were involved. Amount granted: 50k euros approx.

2005-06. Stori@Lombardia: with the support of the Regional Government of Lombardy (Italy), on the medieval history of the Lombardy region. More than 1,100 students from Northern Italy, aged between 12 and 19, were involved. Amount granted: 50k euros approx.

2004-08. Learning@Europe: with the support of Accenture Foundation, as part of the Accenture Corporate Citizenship investment program, executed in cooperation with Fondazione Italiana Accenture. On European history. More than 6,000 high school students from 18 European countries and the USA (West Point cadets) involved. Amount granted: 876.400 euro.

2007-09. Learning@SocialSport: in cooperation with SBS Master Verde Sport (by the Italian fashion brand Benetton), Fondazione Italiana Accenture and the Italian Olympic Committee (CONI) on ethical, social and psychological issues related to sport. More than 350 young athletes from Italian sport associations involved. Amount granted: 35k euro.

#### CULTURAL HERITAGE

2017-18. Il museo si racconta (**Museum’s tales**). Educational experience with an Italian high-school (Liceo Scientifico op. Scienze Applicate “A. Berenini” High School) in Fidenza, in collaboration with the local museum (Museum of the Diocese of Fidenza). Website and 3 multimedia narratives were created. <http://www.museocattedraledifidenza.it>

2012. Regine d’Italia (**Queens of Italy**). 4 multimedia narratives about relevant historical characters. In cooperation with Inner Wheel Club of Monza (Italy). Amount granted: 25,000 euros. Duration: 01/10/2008-01/10/2012 (48 months). [www.regineditalia.it](http://www.regineditalia.it).

2007-10. **Roman Milan**. In cooperation with the Civic Archeological Museum of Milan (Italy), with the support of the Lombardy Region: three educational narratives to support school trips to the museum. Amount granted: 20,000 euros approx.

2010. A day in Roman Milan. A multimedia, multichannel narrative presenting the life of 5 “characters” in ancient Roman Milan

2007. The Roman Section and the Gandhara Art Section. Two multimedia, multichannel narratives about two sections of the museum

2007-11. **Art exhibitions and culture in Lugano.** In cooperation with TEC-LAB (faculty of communication sciences, Università della Svizzera Italiana), multimedia and multi-channel narratives to support school trips to museums and cultural institutions. Source of funding: the LAC (Lugano Art and Culture); amount granted (approximately): 5,000 CHF per project.

2010. Nippon, 4 exhibitions about Japanese culture. In cooperation with the Polo Culturale of Lugano. [www.nipponlugano.ch](http://www.nipponlugano.ch)

2009. Look at me: faces and gazes in art. In cooperation with Museo Cantonale d’Arte and Museo d’Arte of Lugano (CH). [www.guardami.unisi.ch](http://www.guardami.unisi.ch).

2008. Enigma Helvetia Tales. In cooperation with Museo Cantonale d’Arte and Museo d’Arte of Lugano (CH). [www.enigmahelvetia.unisi.ch](http://www.enigmahelvetia.unisi.ch).

2007. Hermann Hesse: Seekers of Truth. In cooperation with Hermann Hesse Museum of Montagnola, Lugano (CH). [www.seriehesse.unisi.ch](http://www.seriehesse.unisi.ch).

## PUBLICATIONS

### CONTRIBUTION TO INTERNATIONAL BOOKS

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- [A.1] Casonato, C., Di Blas, N., (2020). ICTs for heritage education and tourism: communicating cultural landscape with schools. In Cantoni, L. & De Ascaniis, S. (Eds.). *Communication Technologies for Heritage Tourism*. Edward Elgar Publishing (accepted)
- [A.2] Di Blas, N., Paolini, P. (2016). Distributed and Dynamic TPACK: Evidences from a Real-Life Case Study. In Liu, L. & Gibson, D. (Eds.). *Research Highlights in Technology and Teacher Education 2016*. Society for Information Technology & Teacher Education (pp. 29-36). ISBN 978-1-9397-9726-1
- [A.3] Di Blas, N. (2016). 21<sup>st</sup> Century Skills, Global Education and Digital Storytelling: the Case of PoliCulturaExpo 2015. In Yildiz, M. N., & Keengwe, J. (2016). *Handbook of Research on Media Literacy in the Digital Age* (305-329). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-9667-9
- [A.4] Negrini, M., Di Blas, N. (2015). Digital Storytelling for Cultural Heritage: a Modular, Multi-channel, Multi-scenario Approach. In L. Toniolo, M. Boriani, G. Guidi (Eds) *Built Heritage: Monitoring, Conservation, Management*, Springer, 367-378. ISBN 978-3-319-08533-3
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#### INTERNATIONAL REVIEWS

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#### INTERNATIONAL NEWSLETTER

- [E.1] Di Blas N., Paolini P., Bucciero A., Mainetti L. (2011). Deploying Virtual Worlds for Education in Real Schools. In: *IEEE Learning Technology Newsletter (LT)*. Vol. 13, Issue 4, Oct. 2011, p. 24-26, ISSN: 1438-0625

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#### PRESENTATIONS & EDITORIALY-REVIEWED CONFERENCES

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- [F.1] Di Blas, N. (2012). Interactive Digital Storytelling in Formal Education: PoliCultura and 20,000 Students Telling Multimedia Stories. Online Educa Berlin 2012, Berlin, 20-30 November 2012. The presentation was selected as one of the conference's highlights, with 17 highlights out of more than 400 presentations. <http://www.online-educa.com/highlights>
- [F.2] Di Blas, N. (2012). Digital Storytelling a Scuola: PoliCultura, un progetto su larga scala. Congresso nazionale SIREM, Società Italiana di Ricerca sull'Educazione Mediale, contenuti, significati e valori nella cultura transmediale, Milano, 5-6 giugno 2012, Università Bicocca
- [F.3] Di Blas, N., Negrini, M., Paolini, P. (2011). The Man Ray Game: Involving Young Audiences Through Social Spaces. 10th Conference of the European Sociological Association, Geneva, Switzerland, September 7-10, 2011
- [F.4] Di Blas, N., Ferrari, L. (2010). Kids Create Multimedia Stories: an "Authentic" Educational Value?. IDC 2010 workshop on Interactive Storytelling for Children, ACM, New York, NY. [http://hoc.elet.polimi.it/idc/2010/assets/doc/DiBlas\\_Ferrari.pdf](http://hoc.elet.polimi.it/idc/2010/assets/doc/DiBlas_Ferrari.pdf)
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#### INVITED BLOG ENTRIES

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- [G.1] Di Blas, N., Care, E. (2018). *The mysteries of communication: What does it take to really listen?* Brookings Institution (Washington D.C.), blog on "21 century skills", January 10, 2018. <https://www.brookings.edu/blog/education-plus-development/2018/01/10/the-mysteries-of-communication-what-does-it-take-to-really-listen/>

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#### NATIONAL BOOKS

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- [H.2] Cantoni, L., Di Blas, N., Rubinelli, S., Tardini, S. (2008). *Pensare e comunicare*, Apogeo, Milano. ISBN: 9788850327362
- [H.3] Cantoni, L., Di Blas, N. (2006). *Comunicazione: Teoria e Pratiche*, Apogeo, Milano. ISBN: 9788850323852
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CHAPTERS IN NATIONAL BOOKS

- [I.1] Apollonio, D., Di Blas, N., Paolini, P. (2017). Comunicazione multimediale di un restauro. In C. Frosinini, M. Palazzo e F. Tasso (Eds.), *La Sala delle Asse di Leonardo*. Silvana Editore [in press].
- [I.2] Di Blas, N. (2016). La pedagogia al centro: un portale esplorativo di esperienze didattiche con le tecnologie. In R. Pace, G.R. Mangione, P. Limone (Eds.), *Dimensione didattica, tecnologica e organizzativa: la costruzione del processo di innovazione a scuola*. Milano: Franco Angeli; pp. 99-112. ISBN: 978-88-917-3412-9
- [I.3] Di Blas, N. (2014). Transmedialità e storytelling digitale a scuola: dati da un'esperienza di larga scala. In Garavaglia, A. (a cura di). (2014). *Transmedia Education. Contenuti, significati, valori*. Milano: Unicopli. 211-228. ISBN: 978-88-400-1794-5
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- [I.5] Di Blas, N. (2012). Storytelling digitale a scuola: PoliCultura, un progetto su larga scala. In De Rossi, M., Petrucco, C., (a cura di), *Narrazione e costruzione di competenze. Didattica del Digital Storytelling in prospettiva socio-culturale*. Roma: Casa Editrice Carocci, pp. 165-179. ISBN: 9788843067558.
- [I.6] Di Blas N. (2006). Per una definizione di deissi. In Raynaud S. (ed.), *Tu, io, qui, ora. Quale semantica per gli indicali?*, Guerini, Milano: 25-52. ISBN: 88-8335-734-5
- [I.7] Di Blas, N., Franzosi, P., Mainetti, L., Paolini, P. (2008). «Progetto Mantegna». L'archivio digitale. In F. Pesci, L. Toniolo.(a cura di), *Andrea Mantegna la pala di san Zeno, la pala Trivulzio. Conoscenza, conservazione, monitoraggio*. Venezia: Marsilio Editore, pp. 252-64. ISBN: 978-8831794015
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- [I.9] Di Blas, N., Paolini, P., Do we speak with computers? How linguistics meddle with the web. In E. Rigotti, A. Giacalone-Ramat & A. Rocci (Eds.), *Linguistica e nuove professioni*, FrancoAngeli, Milano, pp.221-233. ISBN: 9788846450104
- [I.10] Di Blas, N., Paolini, P. (2001). La retorica e il Web. In P. D'Alessandro (ed.) *Internet e la filosofia*, LED, Milano 2001. ISBN: 88-7916-166-0

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NATIONAL JOURNALS

- [L.1] Di Blas, N., Fabbri, M., & Ferrari, L. (2018). Italian teachers and Technology-Knowledge training. *Form@ re-Open Journal per la formazione in rete*, 18(2), 33-47.

- [L.2] Paolini, P., Di Blas, N., Alonzo, F. (2005). ICT per i beni culturali: esempi di applicazione. In "Mondo Digitale", 3, settembre 2005, 44-61
- [L.3] Di Blas, N., Paolini, P., Poggi, C. (2004). E-Learning e accessibilità per il patrimonio culturale, E-Learning and Accessibility for Cultural Heritage. *Rivista Politecnico*, "Beni Culturali e Politecnico di Milano", 8, 144-149
- [L.4] Di Blas, N. (2002). L'indicazione nel testo: anafora e deissi testuale. In "Analisi Linguistica e Letteraria", 10, 27-53

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NATIONAL CONFERENCE PROCEEDINGS

- [M.1] Di Blas, N. (2017). Digital Badges in Formal Education: Are Teachers Ready?. In M. Rui (Ed) Design the future! Proceedings of the conference EMEMITALIA2016. Modena, 7-9 Sept. 2016. Genova University Press ISBN: 978-88-97752-89-9; pp.
- [M.2] Di Blas, N. (2015). ICT in education: teachers' competences in a distributed TPACK perspective. M. Rui, L. Messina, T. Minerva (Eds), Teach Different! Proceedings della Multiconferenza EMEMITALIA2015. Genova, 9-12 Sept. 2015. Genova University Press. ISBN: 978-88-97752-60-8; pp. 99-103
- [M.3] Di Blas, N., Torrebruno, A. (2014) MOOCs for Teachers: eBooks, Digital Storytelling and EXPO2015. Apertura e flessibilità nell'istruzione superiore. F. Falcinelli, T. Minerva, P. Rivoltella (Eds), Oltre l'e-learning? Atti del convegno Sirem-Siel, Perugia, 13-14-15 Novembre 2014. ISBN 9788898819003; pp. 94-97
- [M.4] Paolini, P., Di Blas, N. (2009). Il ruolo della comunicazione supportata da tecnologie per i beni culturali. In S. Alaura, A. L. D'Agata (a cura di), Quale futuro per l'archeologia?, Consiglio Nazionale delle Ricerche, Gangemi Editore, pp. 201-215. ISBN 978-88-492-1805-3
- [M.5] Di Blas, N., Paolini, P. (2009). The Theater of Posillipo: a communication paradigm for cultural heritage. In Atti del Congresso: *Un nuovo "made in Italy" per lo sviluppo del Paese, ICT per la valorizzazione dei beni e delle attività culturali*, Roma, 4-6 Novembre 2009, Sapienza Università di Roma
- [M.6] De Caro, S., Di Blas, N., Paolini, P., Spagnolo, L. (2009). Search-enhanced web information architecture for findability and discovery of archeological heritage: the MiBAC-DGA case study. In Atti del Congresso: *Un nuovo "made in Italy" per lo sviluppo del Paese, ICT per la valorizzazione dei beni e delle attività culturali*, Roma, 4-6 Novembre 2009, Sapienza Università di Roma
- [M.7] Di Blas, N., Marini, L., Boretti, B. (2009). Comunicare Cultura con le Nuove Tecnologie: 1001 storia per Policultura. In A. Andronico, L. Colazzo (Eds.), *Didamatica 2009* – ISBN 978-88-8443-277-3
- [M.8] Paolini, P., Di Blas, N., Franzosi, P. (2008). POLICOLLEGE corsi on line per studenti "eccellenti" di scuole secondarie di secondo grado. In A. Andronico, T. Roselli, V. Rossano (Eds.), *Didamatica 2008* - Parte I, Laterza, Bari, 2008; 188-197
- [M.9] Di Blas, N., Fontana, C., Paolini, P., Parravicini, C., Poggi, C. (2008). Polilab-Kids: una tecnologia semplice e divertente per supportare la didattica e l'apprendimento. In A. Andronico, T. Roselli, V. Rossano (Eds.), *Didamatica 2008* - Parte I, Laterza, Bari, 2008; 178-187



- [M.10] Di Blas, N., Garzotto, F., Guermandi, M.P. (2002). It works! A systematic method to evaluate the features of museum Web-sites. In Bibliocom 2002. Atti del 49° congresso nazionale dell'Associazione italiana biblioteche, Roma, 15-17 ottobre 2002, AIB, Roma

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NATIONAL REVIEWS

- [N.1] Di Blas, N. (2002). Francesca Piazza, Il corpo della persuasione – L'entimema nella retorica greca, Novecento, Palermo 2000, per "Rivista di filosofia neo-scolastica", 2

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THESIS

- [O.1] 2000. N. Di Blas, L'articolo definito in funzione deittica (The deictic function of the definite article). Doctoral dissertation. Catholic University of Milan, Italy, Faculty of Foreign Languages and Literature.
- [O.2] 1996. N. Di Blas, Dubbio e certezza nel lessico greco e latino (Doubt and Certainty in Greek and Latin lexicon). Master thesis. Catholic University, Milan (Italy), Faculty of Literature and Philosophy

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SEMINARS, WORKSHOPS & DEMOS

2016, February 19. Opening seminar on "Communication skills: presentation and defense" at Alta Scuola Politecnica, Politecnico di Milano. 3 hours.

2012, April 12. Demo "All devices, all formats, all contexts", Museums & the Web conference, San Diego, California, USA.

2012, April 14. Demo "PoliCultura Portal: 15,000 Students Tell their Stories about Cultural Heritage", Museums & the Web conference, San Diego, California, USA.

2008, July. Invited Seminar on "Instant Multimedia: a New Approach for Cultural Heritage Communication", in the Summer Course "Las Instituciones de la Memoria en la Red: Nuevas Dimensiones del Museo" by the Fundación Universidad Rey Juan Carlos and the Museum Thyssen-Bornemisza of Madrid.

2006, March 22. Workshop "Semiotics and Museum Websites: Do users understand your interfaces?", Museums & the Web conference, Albuquerque, New Mexico, USA.

2005, April 13. Workshop "Evaluation of educational benefits in advanced 3D learning environments", Museums & the Web conference, Vancouver, British Columbia, CANADA.

2005, April 13. Workshop "Introducing advanced learning paradigms for 3D environments", Museums & the Web conference, Vancouver, British Columbia, CANADA.

2003, March 20-22. Workshop "From Requirements to Usability for Museum Web Sites", Museums & the Web conference, Charlotte, South Carolina, USA.

2002, April 17-20. Workshop "Systematic Requirements Analysis", Museums & the Web conference, Boston, Massachusetts, USA.

2002, April 21-22. Position paper (MiLE: a Method for Evaluating the Quality of Hypermedia Applications) for the workshop “Automatically Evaluating the Usability of Web Sites”, CHI (Computer-Human Interaction) 2002, Minneapolis, USA.

2002, June 4. Workshop “MiLe: a methodology for Usability Evaluation of Web Sites”, European project VNET5 – Advancing User-Centred Product Creation in Interactive Electronic Publishing, Lugano, Switzerland.

2001, October 10-12. Workshop “Systematic Usability Evaluation”; European project VNET5 – Advancing User-Centred Product Creation in Interactive Electronic Publishing, Milan, Italy.

2001, 26 September. Discussant at a Round Table about “Human Computer interaction: towards a profession”, VII national Congress “Ergonomics in the Information Society”, Florence (Italy).

2001, September 4. Tutorial “Systematic Usability Evaluation” at the ICHIM01 conference (International Cultural Heritage Informatics Meeting), Politecnico di Milano, Italy.

<b>h-index =20</b> (data from Google Scholar, retrieved August 2020)
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