

PERSONAL INFORMATION



Anna Osello



Sex Female | Date of birth [REDACTED] | Nationality Italian

WORK EXPERIENCE

Full Professor (May 2016 – now)

Politecnico di Torino – DISEG (University)

Research and Teaching on Building Information Modeling (BIM), District Information Modeling, InfraBIM (BIM for Infrastructure), Interoperability, Virtual and Augmented Reality (VAR) as well as Digital Twin at building and district scale and **SAM4Care (Smart Advanced Modelling for Care)**. Above all things, CANP (“La Casa nel Parco”, that proposed solutions for e-health as an application of ICT technologies beyond the state of the art). Member of the Board of Administration. Member of Information Technology Strategy Commission. Responsible of the Drawing TO the Future Lab (for both PhD and researchers) and of the Virtual Room (for students). Vice-President of VR@polito Lab (for both researchers and students).

Associate Professor (Jan 2005 – Apr 2016)

Politecnico di Torino – DISET (University)

Assistant Professor (Dec 1997 – Dec 2004)

Politecnico di Torino – DISET (University)

EDUCATION AND TRAINING

Mar 1997 – Dec 1997

Scholarship (**Post-doctorate**)

Feb 1996 – Oct 1996

Scholarship (**Pre-post doctorate**)

Oct 1992 – Oct 1995

PhD in Drawing and Survey of the Building Heritage

Oct 1986 – Jul 1992

Master Degree in Civil Construction Engineering

ADDITIONAL INFORMATION

Publications

Examples of **book**:

- UGLIOTTI, F.M. & OSELLO, A. (Eds.). (2022). *Implementing Digital Reality and Interactive Technologies to Achieve Society 5.0*. IGI Global. Under submission.
- DEL GIUDICE, M., & OSELLO, A. (Eds.). (2021). *Handbook of Research on Developing Smart Cities Based on Digital Twins*. IGI Global. <https://doi.org/10.4018/978-1-7998-7091-3>
- OSELLO, A.; UGLIOTTI, F. M. (2017); *BIM: verso Il catasto del futuro. Conoscere, digitalizzare, condividere. Il caso studio della Città di Torino*. Gangemi Editore. ISBN 978-884923384-1
- OSELLO, A. (2015). *Building Information Modelling, Geographic Information System, Augmented Reality per il Facility Management* (edited by). Vol. 1, p. 1-300. Palermo, Dario Flaccovio Editore. ISBN: 9788857904788
- OSELLO A. (2012). *Il futuro del disegno con il BIM per Ingegneri e Architetti / The Future of Drawing with BIM for Engineers and Architects*. Vol. 1., p. 1-123 (with contribution of other authors). Palermo, Dario Flaccovio Editore.

ISBN: 9788857901459

Example of **chapter in book**:

- DE LUCA, D.; DEL GIUDICE, M.; OSELLO, A. (2021), *Interactive Information Models and Augmented Reality in the Digital Age*. In: REPRESENTATION CHALLENGES Augmented Reality and Artificial Intelligence in Cultural Heritage and Innovative Design Domain / S.N., S.L., FrancoAngeli, pp. 365-369. ISBN: 9788835125280
- DEL GIUDICE, M.; DE LUCA, D.; OSELLO, A. (2019), *HBIM Data Management and Visualization for Healthcare Facilities*, ISBN: 9781799812340; 1799812340; 9781799812357

Examples of **magazine**:

- OSELLO, A.; LUCIBELLO, G.; MORGAGNI, F. (2018), *HBIM and Virtual Tools: A New Chance to Preserve Architectural Heritage*. In: MDPI (<http://www.mdpi.com/2075-5309/8/1/12/htm>). DOI 10.3390/buildings8010012
- SEMERARO, F.; FONSATI, A.; RAPETTI, N.; OSELLO, A., *Technologies and techniques offering new interpretations of the landscape evolution*, DISEGNARE CON..., Università dell'Aquila, pp. 9, 2019, Vol. 12, ISSN: 1828-5961

Example of **proceeding**:

- UGLIOTTI, F.M.; DE LUCA, D.; FONSATI, A.; DEL GIUDICE, M.; OSELLO, A.; (2021) *Students and teachers turn into avatars for online education*, ISBN: 978-84-09-27666-0.
- UGLIOTTI, F.M.; OSELLO, A.; (2021) *Il disegno riscopre la sua intrinseca resilienza multidisciplinare / Drawing Rediscovered its Intrinsic Multidisciplinary Resilience*, ISBN: 9788835125891.
- ALOTTO, F.; SCIDA', I.; OSELLO, A.; (2020), *Building modeling with Artificial Intelligence and speech recognition for learning purpose*, ISBN: 978-84-09-17979-4.

SCIDA', I.; ALOTTO, F.; OSELLO, A.; (2020), *A Methodology to Virtualize Technical Engineering Laboratories: MastrLAB-VR*, International Journal of Civil and Architectural Engineering, 14, 6.

Projects

Approximately € 2 million in funding in the last 10 years.

Examples from **competitive research**:

- Regione Piemonte - call "**Salute e Benessere**" and within the application field "**homecare**" (May 2018). "**La Casa nel Parco**" (CANP) is supported by under the technological sector "E-health, Bioinformatics and ICT for health research (including the Big Data analysis)". Coordinated by Consoft Sistemi. Contributo complessivo: € 11.000.000 - Contributo per DISEG: € 150.000.
- MIUR - Regione Piemonte - Action 3 "Fabbrica Intelligente" (2016 - 2018). Dynamic Integrated Shopfloor Operation Management for Industry 4.0 (DISLO-MAN). Coordinated by Santer Reply. Scientific coordinator for Politecnico di Torino prof. Massimo Poncino. Contribution for DISEG: € 70.000.
- MIUR - Cluster Smart Building (01/05/2013 - 31/03/2018). Zero Energy Buildings in Smart Urban Districts (EEB). Coordinated by Politecnico di Torino: scientific coordinators prof. Enrico Macii for the research project and prof. Patrizia Lombardi for the training project. Total budget € 10.500.000. Contribution for Polito: € 760.000 - Contribution for DISEG: € 239.000.
- EC - FP7 (1/10/2013 - 30/09/2016). District Information Modeling and Management for Energy Reduction (DIMMER). Coordinated by Politecnico di Torino: scientific coordinator prof. Enrico Macii. Total contribution: € 3.591.820 - Contribution for Polito: € 897.955 - Contribution for DISEG: € 220.000.
- EC - FP7 (01/09/2010 - 30/09/2013). Smart Energy Efficient Middleware for Public Spaces (SEEMPUBS). Coordinated by Politecnico di Torino: scientific coordinator prof. Enrico Macii. Total contribution: € 2.900.000 - Contribution for Polito: € 580.080 - Contribution for DISEG: € 250.400.

Example from **technology transfer**:

- Città di Torino (01/01/2015 - 30/11/2015): Initiative "Smart cities". Contribution for Polito: € 220.000 - Contribution for DISEG: € 100.000
- **BIM and IoT for visual communicator for ALS (Amyotrophic Lateral Sclerosis) patients**. Under submission with: Andrea Acquaviva, Francesco Alotto, Matteo Del Giudice, Edoardo Patti.

Example from **Teaching activity**:

- Politecnico di Torino, Grandi Sfide (Salute): **Realtà virtuale e fragilità** (a.a. 2021-22, 6CFU)
- Challenge "**O.d.C: local opportunities to support high quality care**" (8 CFU - funded by Tecnicaer)

