Curriculum Vitae of Alberta Latteri

Principal scientific activities

Scientific activity is focused on the following issues:

1. Preparation and characterization of thermosetting / thermoplastic blends.

2. Functional nanocomposites.

3. Composite materials: production and characterization techniques.

4. Ecocomposites: formulation and preparation techniques.

5. Materials for additive manufacturing.

6. LCA analysis of polymeric materials and composites.

EDUCATIONAL BACKGROUND & TITLES

(From 3 February 2021) Associate Professor in 09/D1 sector, Materials Science and Technologies (D.R. del 30-10-2020)

(From 3 April 2018 to 3 April 2024) ASN National Academic Qualification as Associate Professor in 09/D1 sector, Materials Science and Technologies (art. 16, comma 1, Legge 240/10)

(From 1 September 2017 to 2 February 2020) Researcher (RtdB) Contract in section Ing-Ind/22, University of Catania, DICAR

(From 1 September 2011 to 31 August 2017) Researcher (RtdA) Contract in section Ing-Ind/22, University of Catania, DII

(From May 2010 to 2011) Research Contract*: "Polymeric Materials in Electronic Engineering"* in D. M. F.C.I*,* University of Catania.

(12 February 2010) Title of qualification awared: Ph.D in Electronics, Automation and Complex Systems Engineering, University of Catania with the thesis: *"Bioengineered Methodologies for Characterising, Modelling and Controlling Movement Disorders"*.

(From 2 November 2006 to 30 October 2009) Ph. D. Student in Electronics, Automation and Complex Systems Engineering, University of Catania.

Developed competencies: Identification and Modelling of Neural response to Deep Brain Stimulation based on experimental data, and design and realization of data acquisition system for brain signals (EEG, Extracellular Neural Signal).

(From October 2004 to 19 October 2006) Master Degree, School of Electronic, Automation and Complex Systems Engineering, University of Catania, 110/110 cum laude.

(From October 2001 to 14 July 2004) Bachelor Degree, School of Electronic Engineering, University of Catania, 110/110 cum laude.

PROFESSIONAL EXPERIENCES & TEACHING

- (From 2026/2027 academic year till current year) Director of the A060 Teacher Education Programme in Technology for Lower Secondary Education; Member of the Governing Board and the Technical and Scientific Committee of the Higher School for Teacher Education at the University of Catania.
- (From 2024/2025 academic year till current year) Professor of the course of "Didattica della Tecnologia dei Materiali" (1CFU), for a course in Scienze e Tecnologie Meccaniche A042
- (From 2023/2024 academic year till current year) Professor of the course of "Materiali per l'Industria" (1CFU), for a course in Tecnologia nella scuola secondaria di 1° grado/ A060
- (From 2022/2023 academic year till current year) Professor of the course of "Materiali Sostenibili e analisi del ciclo di vita" (6 CFU), for a degree course in Environmental and Territorial Engineering (LM-35)
- (From 2016/17 to 2022/2023 academic year) Professor of the course of "Tecnologia e Chimica applicata alla tutela dell'ambiente" (6 CFU), for a degree course in Environmental and Territorial Engineering (LM-35)
- (From 2019/20 academic year till current year) Professor of the course of "Technologies for environmental Protection" (6 CFU), for a degree course in Chemical Engineering for Industrial Sustainability (LM-22)
- (From 2015/16 academic year) Member of examination board of "Scienze e Tecnologia dei Materiali" for a degree course in Mechanical Engineering (LM33)
- (From 2015/16 academic year) Member of examination board of "Science and Technology of Materials" for a degree course in Chemical Engineering for Industrial Sustainability (LM22)
- (May 2014) Professor of the course of "Chimica e tecnologie dei materiali per l'industria navale" (30 hours) for the project "TESEO" for the Course in "Tecnologie Energetiche Innovative Applicate al Settore Navale"
- (February 2013) Professor of the course of "Caratterizzazione chimica, microchimica, morfologica e microscopica dei materiali, film sottili, superfici ed interfasi presenti in dispositivi elettronici di potenza" (20 hours), for the project "Ambition Power" within the Ph.D course of "Scienze e tecnologie dei materiali" XXVII Ciclo
- (February 2013) Professor of the course of "Caratterizzazione elettrica, termica e meccanica dei materiali usati nei dispositivi elettronici di potenza" (40 hours) for the project "Ambition Power" within the Ph.D course of Ph.D "Scienze e tecnologie dei materiali" XXVII Ciclo

AWARDs

- *(10 June 2005)* Winner of "XVII *edizione del Premio Marisa Bellisario: Donne nel mondo della Sanità"* Marisa Bellisario Foundation, Roma.
- (*7 June 2005*) Winner of Premium for Recognition of Degree Thesis *"Reti interagenti di Neuroni HR: topologie e dissimetrie Parametriche"* STMicroelectronics, Catania

RESEARCH PROJECTS

She is scientific supervisor of the following research projects:

- (2022-2025) PRIN 2020 Project title: Target "addiTive mAnufactuRing for liGhtwEight joinTs"
- (2016-2018) Project of department: Manufacturing Additive for Recycled COmposites (MARCO)
- (2016-2018) Chance Project. This funding was granted by the University as the candidate was the proponent of a PRIN project called ACER Project (prot. 201778TSY3C) in collaboration with the research units of the polytechnic of Milan (Prof. De Nardo) and the polytechnic of Turin (Prof. Lombardi).

She participated as coworker in the following research projects:

- **(2011-2013)** Collaboration in Project "Sviluppo di sistemi avanzati per la realizzazione di componenti in vetroresina" PO. FESR 2007-2013 - Sicily - Linea di Intervento 4.1.1.2
- **(2011-2015)** Collaboration in Project PON2239 Asse 1 "*MATRECO Materiali avanzati per Trasporti Ecosostenibili*";
- **(2011-2015)** Collaboration in Project PON1750 Asse 1 "*Componenti avanzati per la riduzione della resistenza all'avanzamento*";
- **(2011-2014)** Collaboration in Project PON0700 Asse 1 "*Ambition Power*";
- **(2012-2015)** Collaboration in Project PON1878 Asse 1 "*Low Noise*".
- (2019-2022) Collaboration in Project PON PNR "TecHnology And materials for safe Low consumption And low life cycle cost veSSel And crafts" THALASSA (prot. ARS01_00293);
- (2019-2022) Collaboration in Project PRIN Multiple Advanced Materials Manufactured by Additive technologies (MAMMA) (Prot. 20179SWLKA, granted 986.667,00 €);

- (2016-2018) Collaboration in Project COMMAND (COMpositi per MANiffattura aDditiva) funded by INSTM-Regione Lombardia;
- Project of department: "Materiali polimerici per usi avanzati" (POLYADV).
- (2014-2020) Collaboration in Project PO FESR 2014/2020 Asse 1, SIMARE: "Soluzioni Innovative per Mezzi navali ad Alto Risparmio Energetico";
- **(2015)** Collaboration in Project "MedNETNA-Mediterrean network for emerging nano materials" PO FESR 2007-2013-Asse IV- Obiettivo 4.1.2 – Linea a.2.2.A- CUP E61J12000100006

International Collaborations

- Collaboration with Prof. Ziegmann (Technical University of Clausthal). She collaborated with the laboratories of the PUK Institute directed by Prof. Ziegmann, during the period of the TEMPUS project (code 530703-TEMPUS-2012-DE-TEMPUS-JPCR). Her research was focalized on the development of ecocomposites based on polypropylene and lignin. The collaboration resulted in the publication of the paper:
  - Blanco, I., Cicala, G., Latteri, A., Saccullo, G., Moneeb El-Sabbagh, A.M. and Ziegmann G Thermal Characterization of a Series of Lignin-based Polypropylene Blends (2016) Journal of Thermal Analysis and Calorimetry DOI :10.1007/s10973-016-5596-2.
- Collaboration with Prof. Summerscales on the topic of LCA resulting in the publication of the following works:-
  - La Rosa, Recca, Summerscales, Latteri, Cozzo, Cicala. Bio-based versus traditional polymer composites. A life cycle assessment perspective(2014) Journal of Cleaner Production https://doi.org/10.1016/j.jclepro.2014.03.017
  - La Rosa, Recca,Gagliano, Summerscales, A. Latteri, G. Cozzo, G. Cicala. Environmental impacts and thermal insulation performance of innovative composite solutions for building applications (2014) Construction and Building Materials https://doi.org/10.1016/j.conbuildmat.2014.01.054
- Collaboration with Prof. BodoSaake of the Technical University of Hamburg focused on the topic of polymer blends modified with natural additives (i.e. Lignin and cellulose). The

collaboration resulted in the publication of an article in an international journal, on the effect of additives on the processability and thermomechanical properties of the blends:

- Cicala G, Latteri, A., Saccullo, G., Recca, G., Sciortino, L., Lebioda, S., Saake, B. (2016). Investigation on Structure and Thermomechanical Processing of Biobased Polymer Blends. JOURNAL OF POLYMERS AND THE ENVIRONMENT, ISSN: 1566-2543, doi:10.1007/s10924-016-0857-5

STAGES AND RESEARCH EXPERIENCE ABROAD

- (From 19 April to 26 June 2009) Collaboration with Department of Psychology for EEG Analysis, National University of Ireland, Maynooth.
- (From 1 April to 30 June 2004) Stage at St-Microelectronics Srl Catania , in Research Group: “Soft Computing and Emerging Technologies”, working on “Development of Professional Issues in Neuro-Engineering purposes Electronic Circuit”.
- (From 1 April to 3 November 2006) Stage at St-Microelectronics Srl Catania, in Research Group: “Automation and Robotics Team”, working on “Development of Professional Issues of Intelligent Algorithms on Microcontrollers ST”.

Editorial activity

- Reviewer for Hindawi "Advances in Materials Science and Engineering"; JABF; Science of the Total Environment.

Partecipazione a collegi di dottorato

Member of the PhD Board in **Valutazione e mitigazione dei rischi urbani e territoriali** (from the 39th PhD Cycle to the present).

PAPERS ON JOURNALS

1. *Khakpour, Soroush; Nocera, Francesco; Latteri, Alberta; Tosto, Claudio; Saitta, Lorena*
Toxicity evaluation and environmental risk assessment of hazardous materials for photovoltaic panels in Italy (2026). PROCESS SAFETY AND ENVIRONMENTAL PROTECTION. DOI: https://dx.doi.org/10.1016/j.psep.2026.109046

2. Khakpour, Soroush; Nocera, Francesco; Latteri, Alberta; Tosto, Claudio; Saitta, Lorena
Effect of Temperature on the Glass Delamination in End-of-Life of Crystalline Silicon Photovoltaic Panels. Green. DOI: https://dx.doi.org/10.3390/green1010002

3. Saitta, Lorena;Dattilo, Sandro;Tosto, Claudio;Giglio, Valentina;Riccobene, Paolo Maria;Blanco, Ignazio;Latteri, Alberta;Cicala, Gianluca
Epoxy Latent Systems for Novel Hybrid 3D Printed Metal/CFs Reinforced Composite Joint Disassembly via Chemical Recycling (2026). JOURNAL OF POLYMERS AND THE ENVIRONMENT. pp.1-26 DOI: 10.1007/s10924-026-03790-x

4. *Khakpour, Soroush; Quyen Luu, Le; Nocera, Francesco; Latteri, Alberta; Cellura, Maurizio*
The Solar Waste Challenge: Estimating and Managing End-of-Life Photovoltaic Panels in Italy (2025). ENERGIES vol 18, pp.1-19DOI DOI: 10.3390/en18092219

5. Rizzo, Giuliana;Dattilo, Sandro;Saitta, Lorena;Tosto, Claudio;Pergolizzi, Eugenio;Latteri Alberta; Cicala Gianluca
Enhancing mechanical properties of recycled sheet molding compound composites through catalytic and ozone activation; Polymer Composites 2025 46(8), pp. 7027– 7045 DOI: 10.1002/pc.29411

6. Rizzo, G., Prasad, V., Yasar, M., Cicala G., Ivankovic A., Murphy, N., Latteri, A.
Investigation of mechanical properties and self-healing efficiency of carbon fibers composites infused with unsaturated polyester vitrimer (2024). *Polymer Composites, 2024, 45(11), pp. 10404–10417* DOI: 10.1002/pc.28483

7. Rizzo G., Dattilo S., Prasad V., Yasar M, Ivankovic A, Latteri A., Cicala G.
Enhancing Sustainability in Unsaturated Polyester Resin: A Way to Use Biobased Curing Agents for Reduced Styrene Content and Improved Recyclability Properties(2024*) ACS Applied Polymer Materials, 2024, 6(10), pp. 5714–5725* DOI:10.1021/acsapm.4c00388

8. Di Pasquale, G., Graziani, S., Latteri, A., Pollicino, A., Trigona, C.
Poly(ε-caprolactone)–Ionic Liquid Composite as Piezoionic Mechanical Sensor. (2024) *Applied Sciences (Switzerland)*, 2024, 14(3), 1085 DOI: 10.3390/app14031085

9. Tosto, C., Saitta, L., Latteri, A., Blanco, I.
Development of recyclable bio-based epoxy/acrylate blends for liquid crystal display 3D printing.(2024) *Journal of Thermal Analysis and Calorimetry* DOI: 10.1007/s10973-024-13094-8

10. Tosto, C., Saitta, L., Latteri, A., Cicala, G.
Epoxy-Based Blend Formulation for Dual Curing in Liquid Crystal Display 3D Printing: A Study on Thermomechanical Properties Variation for Enhanced Printability.(2024) Polymers DOI: 10.3390/polym16030358

11. Blanco I., Latteri A., Cicala G., D'angelo A., Viola V., Arconati V., Catauro M. Antibacterial and Chemical Characterization of Silica-Quercetin-PEG Hybrid Materials Synthesized by Sol–Gel Route.(2022) Molecules DOI: 10.3390/molecules27030979

12. Patti A., Acierno D., Latteri A., Tosto C., Pergolizzi E., Recca G., Cristaudo, M., Cicala, G. Influence of the processing conditions on the mechanical performance of sustainable bio-based PLA compounds.(2020) Polymers DOI: 10.3390/POLYM12102197

13. Tosto C.,Latteri A.,Pergolizzi E.,Giordano D.,Abramo G., Catenaro R., Pignotti N., Cicala G. Additive Manufacturing of Plastics: An Efficient Approach for Composite Tooling (2020) Macromolecular Symposia DOI: 10.1002/masy.201900069

14. Ognibene G., Latteri A., Mannino, S., Saitta L., Recca G., Scarpa F., Cicala, G. Interlaminar toughening of epoxy carbon fiber reinforced laminates: Soluble versus non-soluble veils (2019) Polymers, DOI: 10.3390/polym11061029

15. Cicala G., Latteri A., Saccullo G., Ognibene G., Mannino S. Effects of mixing di- and tri- functional epoxy monomers on epoxy/thermoplastic blends (2018) Advances in Polymer Technology DOI: 10.1002/adv.21845 codice scopus: s2.0-85020059051

16. Blanco, I., Bottino, F.A., Cicala, G., Latteri, A., Recca, A. Synthesis and thermal characterization of mono alkyl hepta phenyl POSS/PS nanocomposites (2016) Polymer Degradation and Stability, 134, pp. 322-327.DOI: 10.1016/j.polymdegradstab.2016.11.002 codice scopus:2-s2.0-84995698444

17. La Rosa, A.D., Banatao, D.R., Pastine, S.J., Latteri, A., Cicala, G. Recycling treatment of carbon fibre/epoxy composites: Materials recovery and characterization and environmental impacts through life cycle assessment (2016) Composites Part B: Engineering, 104, pp. 17-25. DOI: 10.1016/j.compositesb.2016.08.015 codice scopus:2-s2.0-84983568208

18. Cicala, G., Latteri, A., Saccullo, G., Recca, G., Sciortino, L., Lebioda, S., Saake, B. (2017) Investigation on Structure and Thermomechanical Processing of Biobased Polymer Blends Journal of Polymers and the Environment, pp. 1-9, DOI: 10.1007/s10924-016-0857-5codicescopus: 2-s2.0-84991059230

19. Gianluca Cicala, Alberta Latteri, Salvatore Mannino, Giulia Ognibene, Ignazio Blanco (2016) Influence of Soluble Electrospun Co-Polyethersulfone Veils on Dynamic Mechanical and Morphological Properties of Epoxy Composites: Effect of Polymer Molar Mass Advances in Polymer Technology) DOI: 10.1002/adv.21723codicescopus:2-s2.0-84973572616.

20. Blanco, I., Cicala, G., Latteri, A., Saccullo, G., Moneeb El-Sabbagh, A.M.,Ziegmann G (2016) Thermal Characterization of a Series of Lignin-based Polypropylene Blends Journal of Thermal Analysis and Calorimetry DOI :10.1007/s10973-016-5596-2codice scopus:2-s2.0-84975270347

21. Ignazio Blanco, Gianluca Cicala, Alberta Latteri and Giuseppe Saccullo (2016) Preparation and thermal behaviour of a series of liquid wood-polypropylene composites : AIP Conf. Proc. 1736, 020014 DOI: 10.1063/1.4949589.codicescopus:2-s2.0-84984535348

22. Alberti, A., Bongiorno, C., Pellegrino, G., Sanzaro, S., Smecca, E., Condorelli, G.G., Giuffrida, A.E., Cicala, G., Latteri, A., Ognibene, G., Cassano, A., Figoli, A., Spinella, C., La Magna, A. Low temperature sputtered TiO_2 nano sheaths on electrospun PES fibersas high porosityphotoactivematerial (2015) RSC Advances, 5 (90), pp. 73444-73450.DOI:10.1039/c5ra13153g codice scopus:2-s2.0-84941093356

23. Blanco, I., Abate, L., Bottino, F.A., Cicala, G., Latteri, A. Dumbbell-shaped polyhedral oligomeric silsesquioxanes/polystyrene nanocomposites: The influence of the bridge rigidity on the resistance to thermal degradation (2015) Journal of Composite Materials, 49 (20), pp. 2509-2517.DOI: 10.1177/0021998314549616codicescopus:2-s2.0-84938501888

24. Blanco, I., Bottino, F.A., Cicala, G., Cozzo, G., Latteri, A., Recca, A. Synthesis and thermal characterization of new dumbbell shaped POSS/PS nanocomposites: Influence of the symmetrical structure of the nanoparticles on the dispersion/aggregation in the polymer matrix (2015) Polymer Composites, 36 (8), pp. 1394-1400.DOI: 10.1002/pc.23045codicescopus:2-s2.0-84937162019

25. La Rosa, A.D., Recca, G., Carbone, D., Battiato, S., Latteri, A., Cozzo, G., Cicala, G. Environmental benefits of using ground tyre rubber in new pneumatic formulations: A life cycle assessment approach (2015) Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 229 (4), pp. 309-317. DOI: 10.1177/1464420713517487codicescopus:2-s2.0-84940949532

26. La Rosa, A.D., Recca, G., Summerscales, J., Latteri, A., Cozzo, G., Cicala, G. Bio-based versus traditional polymer composites. A life cycle assessment perspective (2014) Journal of Cleaner Production, 74, pp. 135-144. DOI: 10.1016/j.jclepro.2014.03.017codicescopus:2-s2.0-84901625802

27. La Rosa, A.D., Recca, A., Gagliano, A., Summerscales, J., Latteri, A., Cozzo, G., Cicala, G. Environmental impacts and thermal insulation performance of innovative composite solutions for building applications (2014) Construction and Building Materials, 55, pp. 406-414. DOI: 10.1016/j.conbuildmat.2014.01.054codicescopus:2-s2.0-84894047672

28. Cicala, G., Latteri, A., Mannino, S., Cozzo, G., Ognibene, G., Recca, A. Thermoplastic veils as advanced modifiers for multifunctional fiber reinforced composites (2014) AIP Conference Proceedings, 1599, pp. 46-49. DOI: 10.1063/1.4876774codicescopus:2-s2.0-84903177780

29. Blanco, I., Bottino, F.A., Cicala, G., Cozzo, G., Latteri, A., Recca, A.

Thermo-mechanical characterization of a monochlorophenyl, hepta isobutyl polyhedral oligomeric silsesquioxane/polystyrene composite (2014) AIP Conference Proceedings, 1599, pp. 350-353.codice scopus:2-s2.0-84903198169 DOI: 10.1063/1.4876850

30. Blanco, I., Bottino, F.A., Cicala, G., Latteri, A., Recca, A.
Synthesis and characterization of differently substituted phenyl hepta isobutyl-polyhedral oligomeric silsesquioxane/polystyrene nanocomposites (2014) Polymer Composites, 35 (1), pp. 151-157.DOI: 10.1002/pc.22644codicescopus:2-s2.0-84890313523

31. Blanco, I., Bottino, F.A., Cicala, G., Latteri, A., Recca, A.
A kinetic study of the thermal and thermal oxidative degradations of new bridged POSS/PS nanocomposites (2013) Polymer Degradation and Stability, 98 (12), pp. 2564-2570.
DOI: 10.1016/j.polymdegradstab.2013.09.017 codicescopus:2-s2.0-84890436183

32. Blanco, I., Cicala, G., Latteri, A., Mamo, A., Recca, A.
Thermal and thermo-oxidative degradations of poly(2,6-dimethyl-1,4- phenylene oxide) (PPO)/copoly(aryl ether sulfone) P(ESES-co-EES) block copolymers: A kinetic study (2013) Journal of Thermal Analysis and Calorimetry, 112 (1), pp. 375-381.DOI: 10.1007/s10973-012-2793-5codicescopus:2-s2.0-84875455041

33. La Rosa, A.D., Cozzo, G., Latteri, A., Recca, A., Björklund, A., Parrinello, E., Cicala, G.
Life cycle assessment of a novel hybrid glass-hemp/thermoset composite (2013) Journal of Cleaner Production, 44, pp. 69-76. DOI: 10.1016/j.jclepro.2012.11.038codicescopus:2-s2.0-84873356292

34. La Rosa, A.D., Cozzo, G., Latteri, A., Mancini, G., Recca, A., Cicala, G.
A comparative life cycle assessment of a composite component for automotive (2013) Chemical Engineering Transactions, 32, pp. 1723-1728.DOI: 10.3303/CET1332288codicescopus:2-s2.0-84879210532

35. Cicala, G., Blanco, I., Latteri, A., Oliveri, L., Recca, A.
Influence of 1,5-naphthalenediamine on thermomechanical properties of epoxy/copolyethersulphone blends (2013) Polymer Engineering and Science, 53 (1), pp. 219-225.DOI: 10.1002/pen.23249codicescopus:2-s2.0-84871450354

36. Blanco, I., Cicala, G., Restuccia, C.L., Latteri, A., Battiato, S., Scamporrino, A., Samperi, F.
Role of 2-hydroxyethyl end group on the thermal degradation of poly(ethylene terephthalate) and reactive melt mixing of poly(ethylene terephthalate)/poly(ethylene naphthalate) blends (2012) Polymer Engineering and Science, 52 (12), pp. 2498-2505.DOI: 10.1002/pen.23206codicescopus:2-s2.0-84869507385

37. Blanco, I., Cicala, G., Mamo, A., Latteri, A., Recca, A.
A comparative kinetics study of thermal degradation of some novel ABA block copolymers (2012) AIP Conference Proceedings, 1459 (1), pp. 181-183. DOI: 10.1063/1.4738436codicescopus:2-s2.0-84872422209

38. Cicala, G., Mamo, A., Latteri, A., Recca, G.
Epoxy/thermoplastic blends: the effects of two different aromatic modifiers (2011) Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 225 (4), pp. 316-326.DOI: 10.1177/1464420711411397codicescopus:2-s2.0-84858169307

39. Latteri A., Arena P., Mazzone P.
Characterizing Deep Brain Stimulation effects incomputationallyefficient neural network models (2011) NONLINEAR BIOMEDICAL PHYSICS P. 2 Cited 1 times. DOI: 10.1186/1753-4631-5-2codicescopus:2-s2.0-79955100017

CHAPTER BOOK

[L1] P. BRUNETTO, A. BUSCARINO, LATTERI A **(2008).** "*Visual control of a roving robot based on Turing Patterns*". Dynamical Systems, Wave-Based Computation and Neuro-Inspired Robots. p. 221-228, SPRINGER WIEN NEW YORK, ISBN/ISSN: 978-3-211-78774-8

[L2] CICALA G., GIUSEPPE CRISTALDI, GIUSEPPE RECCA AND ALBERTA LATTERI **(2010)** "*Composites based on natural fibre fabrics*" In: Woven Fabrics eds. Polona Dobnik Dubrovski. REIJKA: Sciyo, p. 317-342, ISBN: ISBN 978-953-307-194-7

CONFERENCE PROCEEDINGS

1) Saitta Lorena, Cicala Gianluca, Tosto Claudio, Latteri Alberta, Blanco Ignazio, Myklebust Kim, Plaga Sara; Catenaro Roberto; Catenaro Nicola; Fazzini Fabio, Paino Romualdo.
Chemical Recycling of Structural Carbon Fibers Reinforced Composites with Integrated Solar Cell for E-Vehicle. 2025 IEEE International Workshop on Metrology for Automotive, MetroAutomotive 2025 - ProceedingsConference Paper2025 DOI:10.1109/MetroAutomotive64646.2025.11119283

2) Di Pasquale, Giovanna,Graziani, Salvatore,Hosseini, Sara Sadat, Latteri Alberta, Pollicino, Antonino,Trigona, Carlo.
Toward Eco-friendly and Tunable Flexible Sensors: Effects of Ionic Liquid Structure on BC/PEDOT Composites as Mechanoelectrical Transducers. Proceedings - 2025 IEEE International Workshop on Metrology for Green Technologies, Renewable Energy and Ecological Sustainability, MetroGREENST 2025, pp. 245–249

3) Blanco, I., Cicala G, Latteri, A., Saccullo, G. (2016). Preparation and thermal behaviour of a series of liquid wood-polypropylene composites. In: 8th International Conference on Times of Polymers and Composites: From Aerospace to Nanotechnology. AIP CONFERENCE PROCEEDINGS, ISSN: 0094-243X, ita, 2016

4) GianlucaCicala, A.D.La Rosa, A.Latteri, R.Banatao, S.Pastine The use of recyclable epoxy and hybrid lay up for biocomposites: technical and LCA evaluation In: CAMX2016, Septmber 26-29, 2016, Anahein, California (USA).codicescopus:2-s2.0-85010064568

5) Alberta Latteri, Gianluca Cicala, Giuseppe Saccullo, Giuseppe Recca, Pietro Russo (2016) Investigation on the thermomechanicalproperties of PLA/Ligninblends. 14th ISBBB May 31-June 3 2016 Guelph, Canada

6) GianlucaCicala, Alberta Latteri, Salvatore Mannino, Desi Banatao, Jamie Ferrer Dalmau and FabrizioScarpa (2015) Natural fiber reinforced composites processed by HP-RTM with biobased thermoset matrix In: Thermosets 2015, Berlin, September, 16th-18th 2015.

7) GianlucaCicala , Alberta Latteri, Salvatore Mannino, Giulia Ognibene, FabrizioScarpa (2015) Soluble thermoplastic veils for toughening and control of interlaminar properties of composites In: Thermosets 2015, Berlin, September, 16th-18th 2015.

8) GianlucaCicala, **Alberta Latteri**, Salvatore Mannino, Giuseppe Saccullo, Angela Daniela La Rosa and FabrizioScarpa Recyclable biobased thermoset matrix for advanced natural fiber reinforced composites processed by High Pressure Resin Transfer Molding IN X INSTM CONFERENCE, Favignana (TP), 28th June – 1st July 2015.

9) Gianluca Cicala, Alberta Latteri, Salvatore Mannino, Giuseppe Saccullo, Angela Daniela La Rosa and Giuseppe ReccaThermoplasticcomposites for novelapplications In: X INSTM CONFERENCE, Favignana (TP), 28th June – 1st July 2015.

10) Gianluca Cicala , Alberta Latteri, Salvatore Mannino, Giulia Ognibene, Fabrizio Scarpa Interlaminarelectrospunthermoplasticveils for advancedcomposites: pro and cons In: X INSTM CONFERENCE, Favignana (TP), 28th June – 1st July 2015.

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PARTECIPATION TO SUMMER SCHOOLS AND WORKSHOPS

(*From 27 September to 2 October 2010*) XVI National School of Materials Science "Materiali del Futuro: dalla Nanomedicina all'Aerospaziale". Bressanone, University of Padova, Italy

(*From 5 September to 7 September 2007*) Italian Workshop of Artificial Life and Evolution Computation (*WIVACE 2007). Baia Samuele, Sampieri (Ragusa), Italy*

(*From 31 August to 4 September 2007*) Italian Summer School in Evolution Computation and Artificial Life (*SECEVITA 2007) Baia Samuele, Sampieri (Ragusa), Italy*

(31 October 2003) National Institute of Geophysics and Volcanology, Section of Catania,Italy.

Courses on: *"Study of the dynamics of Etna by GPS"* and *"Application of Cellular Neural Networks (CNN) for the simulation of lava flow"*

(*From 22 September to 26 September 2003*) Centre International des Sciences Mecanigues (CISM), Udine. Dynamical System. Courses on: *"Wave Based Computation and Neuro-inspired Robots. "*

Grant awarded to attend this school.

(From 17 September to 19 September 2003) The 6th International Conference "*Climbing and Walking Robots and the Support Technologies for Mobile Machines"* (CLAWAR 2003) Dipertimento di Ingegneria Elettrica Elettronica e dei Sistemi, University of Catania.