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DESTEC Department
University of Pisa – Luisa Pellegrini

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Autorizzo il trattamento dei miei dati personali presenti nel curriculum vitae ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 e del GDPR (g UE 2016/679).



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1 Introduction



Name and surname: Luisa Pellegrini
Place and date of birth: Pisa (IT), 03/06/1970
Address: Dept. of Energy, Systems, Territory and Construction Engineering (DESTEC), University of Pisa, Largo Lucio Lazzarino, Pisa
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Luisa Pellegrini, PhD in Management Engineering at the University of Roma Tor Vergata, got her Master's Degree in Economics and Management in 1995 at the University of Pisa, with full marks with honors. Now she is Full Professor for the scientific-disciplinary sector ING-IND/35 at the Dept. of Energy, Systems, Territory and Construction Engineering (DESTEC) of the University of Pisa, where she teaches a basic course of "Business Economics and Organisation" for different Bachelor's Degree in Engineering (Electronic Engineering, Energy Engineering and Telecommunication Engineering), and two specialistic courses at the Master's Degree in Management Engineering ("Marketing and Web technologies" and "Finance for the Supply Chain", respectively).). She is also teaches "Health Technology Assessment" in the second level Master in "Tele didactics applied to health sciences and ICT in medicine" organized by the University of Pisa. Luisa Pellegrini is a Board Member of CINet (Continuous Innovation Network)¹ and of the Faculty of the CINet PhD Workshop, Director of the Interdepartmental Research Centre on Health Technology Assessment (CIRHTA) of the University of Pisa (<http://www.cirhta.unipi.it/>), Dean of the Bachelor and Master Degree in Management Engineering as well as, on the University Rector's proposal, representative of the University of Pisa in the Board of Directors of Italcertifer Spa (<https://www.italcertifer.com/>).

Below, the activities carried out by Luisa Pellegrini will be presented according to the following structure:

- Scientific activity (section 2);
- Evaluations received (section 3);
- Technological transfer (section 4)
- Evaluations received (section 5).

¹ CINet (<https://www.continuous-innovation.net>) is a Network of researchers who investigate on Continuous Innovation. Its Board is responsible for activities such as i) the organisation of CINet conferences, seminars and workshops, ii) the development and financing of the research network, iii) the organisation of the Annual General Meeting (8 September 2016 - today).



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2 Scientific Activity

Luisa Pellegrini's scientific activity in recent years has mainly concerned two streams:

- The firms' choices in term of open innovation, or, in other words, the opening of the innovation funnel to external partners. On this topic, Luisa Pellegrini investigated, together with other co-authors: (1) the internal (technological aggressiveness, R&D intensity, company's objectives, ...) and external (technological turbulence, technological complexity, ...) factors which push toward or, conversely, hinder the opening of the innovation funnel to external partners; (2) the open innovation choices in terms of types of involved partners (scientific or business partners) and (3) the implications in terms of performance.
- Evaluation and selection of technologies. On this topic, Luisa Pellegrini proposed, together with other co-authors, multi-criteria tools for supporting (1) firms in selecting technologies, and (2) health institutions in selecting medical devices.

On these issues, Luisa Pellegrini is the author of numerous international publications, including Long Range Planning, Technological Forecasting and Social Change, Small Business Economics, Technovation, and the International Journal of Management Reviews.

On Arpi and specifically at this link ([https://arpi.unipi.it/simple-search?query=Luisa+pellegrini&rpp=10&sort by=bi sort 2 sort&order=DESC&filter field 1=publtypeh&filter type 1>equals&filter value 1=1+Contributo+su+Rivista&filter field 2=author&filter type 2=authority&filter value 2=rp17635#.XIUfHS_SKfA](https://arpi.unipi.it/simple-search?query=Luisa+pellegrini&rpp=10&sort%20by=bi%20sort%20&order=DESC&filter%20field%201=publtypeh&filter%20type%201>equals&filter%20value%201=1+Contributo+su+Rivista&filter%20field%202=author&filter%20type%202=authority&filter%20value%202=rp17635#.XIUfHS_SKfA)) her main publications can be found.

2.1 Director- management

Luisa Pellegrini had/has the role of management in the areas specified below:

- Representative, on proposal of the Rector, of the University of Pisa on the Board of Directors of Italcertifer S.p.a. (<https://www.italcertifer.com/>), a company owned by the Ferrovie dello Stato Italiane Group;
- Director of the Interdepartmental Research Center on Health Technology Assessment (CIRHTA) of the University of Pisa (7 March 2018 - today);
- Elected member of the Board of the CINet international research network (Continuous Innovation NETwork). The Board is responsible for activities such as i) the organization of CINet conferences, seminars and workshops, ii) the development and funding of the research network, iii) the organization of the Annual General Meeting (8 September 2016 - today)..

2.2 Leadership or participation to research projects

2.2.1 Leadership

Luisa Pellegrini has had/has the role of direction in the areas specified below:

- (1 December 2022 – 30 November 2025) PI of spoke 5 - line 'Health Technology Assessment' in the project ECS_00000017 THE - Tuscany Health Ecosystem (399,050.54 €);
- 2010: On the University Rector proposal, member of the Scientific Committee of ALIAS.COM (Area Laboratorio Innovazione Attività Sanitarie – Center Operation Management), an interorganisational Laboratory between the University of Pisa and the Azienda Ospedaliero-Universitaria of Pisa (AOUP), working as staff unit to the AOUP General Director;



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- Member of the international scientific committee who organizes the "Open Innovation Survey2.0", presented on September 13th 2016 by the Chair of CINet during the Annual General Meeting of the CINet Conference (13 September 2016 - today);
- Member of the international scientific committee who organized the "Open Innovation Survey", presented during the 12th CINet Conference at the Developmental Workshop (13 September 2011 - 31 December 2012);
- Scientific collaboration contract within the FIRB research project "Development of Advanced Models and Tools to Acquire, Manage and Enhance New Knowledge to Support the Competitiveness of Small and Medium Enterprises".

2.2.2 Participation to projects

Luisa Pellegrini participated as member to:

- two projects financed by MIUR (Italian Ministry of University and Research);
- two projects funded by CNR (Consiglio Nazionale delle Ricerche);
- three projects funded by the Tuscany Region and eight by the University of Pisa:

2.3 Activities connected with scientific journals

2.3.1 Participation to editorial committees of scientific journals

Luisa Pellegrini is/has been:

- Review Editor in *Frontiers in Psychology – Organizational Psychology* (12 October 2022 – today)
- Member of the *International Review Board* of THE JOURNAL OF E-WORKING (ISSN: 1872-3284);
- Membro dell'Editorial Board della rivista *Sustainability*;
- *Guest Editor* (in collaboration with other *Guest Editors*) of six *Special Issues* on journals like *Business Process Management Journal* (2017); *Management Decision* (2017), *International Journal of Technology Intelligence and Planning* (2015), *Sustainability* (2019), and *Creativity and Innovation Management* (2007 and 2021).

2.3.2 Reviewing activity

Luisa Pellegrini has been reviewer

- For many scientific journals, some of which are very prestigious (*Creativity and Innovation Management*; *European Journal of Innovation Management*; *Industry and Innovation*; *Information and Management*; *International Journal of Entrepreneurial Behaviour and Research*; *International Journal of Human Resource Management*; *International Journal of Technology Intelligence and Planning*; *Journal of Knowledge Management*; *Journal of Product Innovation Management*; *Management Decision*; *Measuring Business Excellence*; *Production Planning and Control*; *R&D Management*; *Small Business Economics*; *Technological Forecasting & Social Change*; *Technology Analysis & Strategic Management*; *Technovation*)
- For a research proposal submitted to the "2020 Call for Junior and Senior Research Projects of the Research Foundation Flanders (FWO); <http://www.esf.org/index.php?id=384>).



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2.4 Scientific Conferences

2.4.1 Organisation of Conferences

- Conference Chair of the 23rd CINet International Conference (Pisa, 11-13 September 2022);
- On 10 May 2022, Luisa Pellegrini was one of the organizers of the seminar and discussion between experts "Medical devices and in vitro diagnostic medicine. State of the art of the application of the previous product Directives in relation to the new European Regulations and its implications for health and safety at work"
- In 2018 (October 26th, 2018) Luisa Pellegrini, as Director of CIRHTA, organised together with the Ordine degli Ingegneri of Pisa and the MANSAN Master of the University of Pisa, the Conference "Health Technology Assessment: la Valutazione delle Tecnologie in Sanità";
- Luisa Pellegrini in 2006 was one of the three organisers of the 7th International CINet Conference "CI and Sustainability - Designing the road ahead" (Lucca, Italy, 10-14 September, 2006).
In such Conference, Luisa Pellegrini was a member of the Scientific Committee. Since 2016 she is member of the Scientific Committees of all the CINet Conferences.

2.4.2 Organisation of special tracks

Luisa Pellegrini has been an organising member of *Special Tracks* in both national Conferences (XXVIII and XXIX Riunione Scientifica Annuale AiIG - Associazione italiana Ingegneria Gestionale) and international Conferences (R&D Management Conference and CINet Conference) mainly on the themes of Open Innovation.

2.4.3 Session chair, discussant, reviewer and presenter

Luisa Pellegrini has been *Session Chair* for the Conferences:

- 7th (2006); 8th (2007); 9th (2008); 11th (2010); 13th (2012); 14th (2013); 15th (2014); 16th (2015); 17th (2016); 18th (2017); 19th (2018); 20^a (2019), 21^a (2020), 22^a (2021), and 23^a (2022) CINet Conference;
- R&D Management Conference (2018).

Discussant for:

- XXXIII (2022); XXX (2019); XXIX (2018); XXVIII (2017); XXIII (2012); XIV (2003); XIII (2002) Riunione Scientifica Annuale of the AiIG.

Luisa Pellegrini has been a reviewer of abstracts/full papers presented at the following Conferences: R&D Management (2018); IFKAD (2017); EURAM (2016); Riunione Scientifica Annuale AiIG (Associazione italiana Ingegneria Gestionale) (2007); CINet (Continuous Innovation NETwork) since 2006.

She often presented the articles submitted to the Conferences she attended.

2.5 PhD and grants

As regards the PhD, Luisa Pellegrini has been:

- Member of the PhD Committee in the Energy, Systems, Territory and Construction Engineering (13th September 2013-today);
- Member for the last seven years of the *Faculty* of the CINet PhD Workshop, whose main aim is that of supporting PhD students in developing their PhD project (since September 2016);
- Member of the Faculty CIM (Creativity and Innovation Management)/CINet seminar on reviewing scientific papers (27 May 2021; 11 November 2022);



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- Tutor of two PhD students of the DESTEC PhD (the PhD has been founded in 2013)
- Member of the working group of DESTEC for proposing the activation of the PhD for the DESTEC Department (16th April 2013-11th June 2013);
- Member of several Final Commissions for the admission/final exam of PhD:

Regarding research grants, Luisa Pellegrini has been the scientific tutor of three grants.

2.6 Research activities in foreign Universities

Luisa Pellegrini has been *visiting researcher* at the Gävle University (Sweden) on the research project “Open Innovation Survey” (20-25 October 2013).



3 Scientific evaluations

3.1 Scientific award

Below there are the achieved awards:

- RECOMMENDED PAPER AWARD 2021 by Measuring Business Excellence 16th International Forum on Knowledge Asset Dynamics 1-3 September 2021 || Rome, Italy FOR THE PAPER: Blockchain Technology in Healthcare: Readiness of Different Types of Stakeholders Paola Paoloni co-chair Giovanni Schiuma co-chair Min-Ren Yan co-chair Mauro Paoloni co-chair AUTHORED BY: Benedetta Nicolai, Salvatore Tallarico, Luisa Pellegrini, Luca Gastaldi, Giacomo Vella, Simone Lazzini
- John Bessant Best Paper Award 2020 for the article: AGOSTINI L., ALOINI D., LATRONICO L., NOSELLA A., PELLEGRINI L., (2020) "Business Model Innovation in the Space Industry", 21th International CINet Conference "Practicing Continuous Innovation in Digital Ecosystem", Milan, Italy, 21-22 September 2020, pp. 17-30;
- In 2019 the article PELLEGRINI L., LAZZAROTTI V. (2019), "How governance mechanisms in family firms impact open innovation choices: A fuzzy logic approach", Creativity and Innovation Management, 28, pp. 486–500, has been selected as the 5 nominees for the journal Best Paper Award 2019;
- *Best Paper Award* 2017 for AGOSTINI L., BENGTSSON L., LAZZAROTTI V., MANZINI R., NOSELLA A., PELLEGRINI L., STEFAN I., (2017) "Open Innovation with Scientific Partners and Patenting: the Moderating Role of the Internal Context for Innovation", 12th IFKAD (International Forum on Knowledge Asset Dynamics) Conference "Resilience Creativity, Co-Creation", St Petersburg, Russia, 7-9 June 2017;
- 'Running-up' 2011 for the article: LAZZAROTTI V., MANZINI R., PELLEGRINI L., (2011) "Protecting IP in the Era of Open Innovation: an Empirical Study in Italy", 12th International CINet Conference "Continuous Innovation: Doing More with Less", 11-13 September 2011 Arhus, Denmark, 561-574;
- John Bessant *Best Paper Award* 2008 for the article: ALOINI D., MARTINI A., PELLEGRINI L., (2008) "Application of Structural Equation Modeling to Evaluate a Continuous Improvement Framework", 9th International CINet Conference "Radical Challenges in Innovation Management", Valencia, Spain, 5-9 September 2008, pp. 1-12;
- Literati Club 2004 '*Highly Commended*' award, attributed by the Journal of Integrated Manufacturing Systems. The International Journal of Manufacturing Technology Management for the article: CORSO M., MARTINI A., PAOLUCCI E., PELLEGRINI L. (2003), "Knowledge Management Configurations in Italian Small-to-Medium Enterprises", Integrated Manufacturing Systems. The International Journal of Manufacturing Technology Management, Vol. 14, N. 1, pp. 46-56;
- In the evaluation process of CIVR (Comitato di Indirizzo per la Valutazione della Ricerca), the article CORSO M., MARTINI A., PAOLUCCI E., PELLEGRINI L. (2003), "Knowledge Management Configurations in Italian Small-to-Medium Enterprises", Integrated Manufacturing Systems. The International Journal of Manufacturing Technology Management, ISSN 0957-6061, Vol. 14, N. 1, pp. 46-56, has been selected among the best products of the University of Pisa in the period 2001-2003.



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3.2 Assessment of the scientific productivity

In the procedure for assessing the scientific productivity of the researchers and professors of the University of Pisa², Luisa Pellegrini reported the highest rating in the greatest majority of the performed evaluations.

- 2021: Rating 3
- 2020: Rating 4
- 2019: Rating 4
- 2018 (*rating for the period 2013-2017*): *Rating 4/4*;
- 2017 (*rating for the period 2012-2016*): *Rating 4/4*;
- 2015 (*rating for the period 2010-2014*): *Rating 3/4*;
- 2014 (*rating for the period 2009-2013*): *Rating 4/4*;
- 2013 (*rating for the period 2008-2012*): *Rating 7/8*;
- 2012 (*rating for the period 2007-2011*): *Rating 6/8*;
- 2011 (*rating for the period 2006-2010*): *Rating 4/4*;
- 2010 (*rating for the period 2005-2009*): *Rating 4/4*;
- 2009 (*rating for the period 2004-2008*): *Rating 4/4*;
- 2008 (*rating for the period 2003-2007*): *Rating 4/4*;
- 2007 (*rating for the period 2002-2006*): *Rating 4/4*;
- 2006 (*rating for the period 2001-2005*): *Rating 4/4*.

² The evaluation of the scientific productivity of researchers of the University of Pisa is carried out annually by the commissions of the scientific areas. Each researcher is assigned a numerical value (called rating) from 1 (minimum value) up to 4 (maximum value), which describes his/her scientific productivity in the previous five years. The assessment takes into account the intensity and continuity of the research activity documented by publications and the scientific quality of the scientific results.



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4 Technology transfer activities

The technology transfer activities developed by Luisa Pellegrini are carried out by means of:

- Framework agreements:
 - Scientific manager for DESTEC of the research agreement between Confindustria Toscana Nord (CTN) and DESTEC (2019 - today)
 - Scientific coordinator of the agreement between the AOUP and DESTEC for the project "Creation of collaborative innovation networks in the health sector" (2016)
- Research contracts with companies:
 - Scientific manager, together with Prof. Aloini, of a research contract "Definizione delle specifiche relative ad uno strumento di supporto alla gestione dei farmaci sperimentali oggetto del progetto Value Data" con la AOUP (2021)
 - Scientific manager of two research contracts with WASS - Whitehead Alenia Sistemi Subacquei (now Leonardo):
 - "Study for the Launch of a Technology Intelligence Process Aimed at Monitoring the Evolution of Some Relevant Technologies" (2015)
 - "Study for the Launch of a Technology Intelligence Process Aimed at Monitoring the Evolution of Some Relevant Technologies for Whitehead Sistemi Subacquei Spa" (2014)
 - Scientific manager of the research contract with La Fortezza S.p.A. on the "Design of a Performance Measurement System in the Perspective of Continuous Improvement" (2005)
- Funded PhD scholarships/grants:
 - Scientific coordinator of the research grant entitled "Definition of the specifications of a support tool for the management of experimental drugs in the context of Managed Entry Agreement based on clinical outcomes" funded entirely by AOUP (1 October 2019- 30 September 2020)
 - Scientific director of the research grant entitled "Analysis and definition of business processes from a lean thinking and innovation perspective" funded entirely by WASS Whitehead Alenia Sistemi Subacquei (now Leonardo).
 - Tutor of the PhD student who won the PhD scholarship entirely financed by WASS (now Leonardo).



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5 Teaching activities

This section reports the educational activities carried out by Luisa Pellegrini, articulated in courses, revision of teaching texts and theses.

5.1 Management

- Dean of the Aggregate Council of Bachelor and Master Degree in Management Engineering (15 September 2022 - 14 September 2025)
- Member of the Engineering School Council (25 October 2022)

5.2 Courses

Luisa Pellegrini teaches/has taught the following subjects:

- Business Economics and Organisation, for different Bachelor's Degree (Biomedical, Electrical, Electronic and Telecommunications Engineering);
- Marketing and Web Technologies, for the Master's Degree in Management Engineering;
- Finance for the Supply Chain, for the Master's Degree in Management Engineering.
- Health Technology Assessment for the Master "Tele didactics applied to health sciences and ICT in medicine"

5.3 Review of teaching books

Luisa Pellegrini has been a reviewer of the following books:

- Anthony R.N., Hawkins D.F., Macrì D.M., Merchant K.A. "Il Bilancio. Analisi economiche per le decisioni e la comunicazione delle performance", McGraw-Hill, XII edizione, 2010.
- Schilling M.A., Izzo F. "Gestione dell'Innovazione", McGraw-Hill, III edizione, 2013.

5.4 Theses

Luisa Pellegrini has been:

- Tutor of numerous theses in Electrical, Electronic, and Management Engineering;
- Member of Degree Committee in Electrical, Energy, Electronics, Telecommunications and Management Engineering.

Pisa, 17 November 2022

Prof. Luisa Pellegrini