

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Francesco Nesi**
Address(es) Via dei Novai 84, Fraz. Ischia, I-38057 Pergine Valsugana (TN)
Telephone(s) +39 346 6247437
E-mail f.nesi@zephir.ph
Nationality Italian
Date of birth 05/10/1978

Occupational field Building physicist

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>11/2011 – today</p> <p>Director in ZEPHIR – Zero Energy and Passivhaus Institute for Research</p> <p>Director</p> <p>ZEPHIR srl, Loc. Fratte 18/3, I-38057 Pergine Valsugana (TN)</p> <p>Supply of energy consulting services in the field of low-energy buildings, certification and training according to the international protocol Passivhaus, scientific dissemination about Passivhaus sector, study of Passivhaus low-cost components, technical translations of Passivhaus Institut documents. From 2012 Italian Affiliated to IPHA.</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>11/2011 – today</p> <p>Director in TecnoSI – Tecnologia al Servizio dell’Innovazione</p> <p>Director</p> <p>TecnoSI srl, Loc. Fratte 18/3, I-38057 Pergine Valsugana (TN)</p> <p>Distribution on the national territory of a monitoring device for photovoltaic (SolarLog) and technical support services.</p> <p>Management of an e-commerce for resale of various products inherent in the business.</p> <p>Production of custom application software for optimization of production processes, especially in the field of renewable energy.</p>
<p>Dates</p> <p>Occupation or position held</p>	<p>04/2011 – 03/2012</p> <p>Postdoctoral Research Fellow</p>

Main activities and responsibilities	Research assistant on the European project 3EnCult
Name and address of employer	Leopold Franzens Universität Innsbruck, Innrain 52, A-6020, Innsbruck
Type of business or sector	Hygrometric dynamic simulations, rehabilitation of historic buildings
Dates	11/2008 – 12/2011
Occupation or position held	Director in TCProg®
Main activities and responsibilities	Technical translations, energy consulting in the field of physical construction, Passivhaus design
Name and address of employer	TCProg, Loc. Fratte 18/3, I-38057 Pergine Valsugana (TN)
Type of business or sector	Provision of technical translation and dissemination of scientific and consulting services for renewable energies, certification and training according to the international protocol Passivhaus. Distribution on the national territory of a monitoring device for photovoltaic (SolarLog) and technical support services. Management of an e-commerce for resale of various products.

Education and training

Dates	2003 – 2007
Name and type of organisation providing education and training	Institut für Theoretische Physik – Universität Regensburg (D)
Level in national or international classification	Ph.D. in Theoretical Physics (Quantum Transport and Dissipation)
Final grade in national classification	Magna cum Laude
Dates	1998 – 2003
Name and type of organisation providing education and training	Facoltà di Fisica – Università degli Studi di Firenze
Level in national or international classification	Master Sc.
Final grade in national classification	105/110

Personal skills and competences

2013	Passivhaus-Trainer, accredited by the Passivhaus Institut in Darmstadt (D) for the international course Certified Passivhaus Tradesperson (ACPH)
2012	Italian official dealer of Passivhaus design program "PHPP 7.1" (Passivhaus Planning Package)
2011	Official translator iPHA brochure (Passivhaus International Association)
2010	International Passivhaus Certifier accredited by the Passivhaus Institut in Darmstadt (D) Passivhaus-Trainer, accredited by the Passivhaus Institut in Darmstadt (D) for the international course Certified Passivhaus Designer (CEPH)

2009 Member of the Directive of the association IG Passivhaus Südtirol (Community of Interest Passivhaus)

2008 Certificate of Bilingualism (Italian-German) level A (valid in Südtirol)

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)

English

German

Spanish

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C2	Proficient user
A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user
A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) [Common European Framework of Reference for Languages](#)

Informatic skills

- Operating systems: Linux, Unix, Ms-Dos, Windows 95/98/2000/NT/XP
- Packages: AutoCAD, Word, Excel, Outlook, Powerpoint, Publisher, Mathematica, Photoshop, LaTeX, Xmgrace, Gnuplot
- Programming: Fortran77, Fortran90 (very good level), HTML, C (basics), Monte Carlo method (basics)
- Other: Internet, networks, partitions, simulations, RS232, RS422 and RS485 interfaces

Collaborations

- Collaboration with the foundation ClimAbita
- Collaboration with Trentino Sviluppo for ARCA certification for wooden houses
- Collaboration with Energie & Bildung Eng. Thomas Königstein Bressanone (BZ).

Additional information

- List of publications
- List of courses, conferences, conventions, exhibitions
- Talks
- List technical translations

Privacy

The undersigned Francesco Nesi, born in Florence (FI) on 10.05.1978, residing in Pergine, Via dei Novai 84, aware of the penalties, in the case of false statements, training or use of false documents, recall from 'art. 76 of Presidential Decree 445/2000, declares that the above is true. Pursuant to Legislative Decree no. 196 of 30/06/2003 also declares to be informed that the collected personal information will be treated, also in digital form, exclusively within the procedure for which this statement is made and about competing with myself all the rights under Art. 7 of Legislative Decree 196/03.

List of publications

2015

Ariaudo, F., Nesi F., "Protocolli di certificazione ambientale: Passivhaus, come funziona la procedura", *Architetti.info, canale Green*, 10/02/2015

Ariaudo, F., Nesi F., "Protocolli di certificazione ambientale, Passivhaus: temi, diffusione, applicazioni", *Architetti.info, canale Green*, 09/02/2015

2014

Nesi, F., "Come si raggiunge lo standard Passivhaus", *Ingenio*, n.21, 04/2014

Interview on *Edificios e Energia*, # 92 (April 2014)

Nesi, F., "Passivhaus: il futuro è già qui", *Infobuild Energia*, 25/02/2014

Interview on *La Stampa*, 07/02/2014

Interview on *Edificios e Energia*, n.91 (Febr. 2014)

2013

Interview on *Casa 24 Plus (Il Sole24Ore)*, n.306 (Nov. 2013)

Nesi F., "Fare molto con molto poco", *Civiltà di cantiere*, n.00, year I (Oct. 2013)

2012

Bianchi Janetti M., Pfluger R., Längle K., Ochs F., Nesi F., Feist W., "Building physics problems in early modernism and how to solve – A school built by Baumann/Prachenzky (1929/31) as case study (CS5) in 3ENCULT

2011

Interview on *Specializzata*, n.202 (Sept. 2011)

Nesi F., "I serramenti in una Passivhaus", *Legnolegno news*, n.39 (Sept. 2011)

2010

Nesi F., "Agire in maniera consapevole", *La Bussola*, n.3 (2010)

List of courses

2015

13 April – 13 May
Course CEPH
Pergine Valsugana (TN)

30 March – 06 May
Course CEPH
Bari (BA)

16 February – 11 March
Course CEPH
Solignano di Castelvetro (MO)

9 February – 4 March
Course CEPH
Turin (TO)

2014

19 November – 21 November
Course ACPH (Artigiani Certificati Passivhaus)
Cesena (FC)

20 October – 19 November
Course CEPH
Roma (RM)

06 October – 5 November
Course CEPH
Pergine Valsugana (TN)

28 April – 28 May
Course CEPH
Verona (VR)

14 April – 17 April
Course ACPH (Artigiani Certificati Passivhaus)
Torino (TO)

31 March – 23 May
Course CEPH
Milano (MI)

11 March – 15 April
Course ACPH (Artigiani Certificati Passivhaus)
Cortaccia (BZ)

17 February – 12 March
Course CEPH
Mareno di Piave (TV)

3 February – 5 March
Course CEPH
Rovato (BS)

2013

14 October – 25 November
Course CEPH
Cortaccia (BZ)

8 – 10 October
Course PHPP per Supervisor ClimAbita
Pergine Valsugana (TN)

9 September – 7 October
Course CEPH
Milano (MI)

17 April – 27 May
Course CEPH
Cortaccia (BZ)

28 – 30 May
Course PHPP per Supervisor ClimAbita
Pergine Valsugana (TN)

25 March – 27 May
Course CEPH
Isera (TN)

1 February – 1 March
Course CEPH
Milano (MI)

2012

13 December – 1 March 2013
Course CEPH
Pergine Valsugana (TN)

20 September – 30 November
Course CEPH
Pergine Valsugana (TN)

Talks

2015

21 March

Ristrutturazioni edilizie: finanziare l'efficienza energetica [Workshop]

Milano (MI), MADE Expo

21 March

Novità e convenienza economica di una Passivhaus nel clima mediterraneo

Milano (MI), MADE Expo

20 March

Strategie e criteri progettuali per edifici a consumo quasi zero

Milano (MI), MADE Expo

25 February

Strategie e criteri progettuali per edifici a consumo quasi zero [Webinar]

20 February

Il protocollo Passivhaus per il massimo benessere abitativo

Verona (VR)

19 February

Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]

Bari (BA)

18 February

Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]

Bari (BA)

22 January

Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]

Cuneo (CN)

2014

14 December

From few to many: how to change the present

GR – Athens, 3rd Greek Passivhaus Conference

13 December

Passivhaus Hotels in Italy

GR – Athens, 3rd Greek Passivhaus Conference

29 November

From few to many: how to change the present

PT-Aveiro, 2nd Portugal Passivhaus Conferência

14 November

Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]

Novara (NO)

7 November

Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]

Cesena (FC)

22 October

La casa a consumo (quasi) zero – La realtà di un'idea ; La casa passiva – La risposta alle sfide energetiche e climatiche

Bologna (BO)

4 October

Riqualificare e progettare strutture ricettive in maniera efficiente

Gioia del Colle (BA)

2013

- 3 July
Attuali sviluppi Passivhaus: gli strumenti per la verifica e la riqualificazione degli edifici
Pordenone (PN)
- 12 June
Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]
Pescara (PE)
- 28 May
La Passivhaus: il futuro dell'edilizia – nuove regole – nuove tecnologie
Verla di Giovo (TN)
- 19 May
La Casa Passiva: più comfort con meno energia [Workshop]
Rimini (RN)
- 5 May
Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]
Roma (RM)
- 26 March
La Passivhaus: il futuro dell'edilizia – nuove regole – nuove tecnologie
Caldonazzo (TN)
- 21 February
Passivhaus: iniziamo a risparmiare da subito
Treviso (TV)
- 30 November
Passivhaus in Italy
PT - Aveiro, 1° Conferência Passivhaus Portugal
- 26 November
Ristrutturare step-by-step con il protocollo EnerPHit (Passivhaus)
Riva del Garda (TN)
- 15 November
I principi di una Passivhaus: come funziona?
Montichiari (BS)
- 25 - 26 October
The importance of climatic data
The new PHPP 8 – Workshop
GR - Atene, 2° Hellenic Passivhaus Conference
- 16 October
La progettazione internazionale Passivhaus – Qualità involucro e sistemi: esigenze e opportunità
Bologna (BO)
- 5 October
Bilancio di un mondo che (finalmente) si muove
Milano (MI), 2° National Conference Passivhaus
- 25 September
Finestre Passivhaus
Trento (TN)
- 4 July
Bilancio di un mondo che (finalmente) si muove
Udine (UD), 2° Conference Passivhaus Friuli Venezia Giulia
- 7 June
Edifici a consumo (quasi) zero: il futuro dell'edilizia
Trento (TN)

5 June, participation as a speaker presentation with the theme “Benessere dell’abitare in edifici ad energia quasi zero” to the regional stage of the Tour of Padua national conferences “SMART VILLAGE IN TOUR”

18 May

Benessere dell’abitare in edifici ad energia quasi zero
Castel San Niccolò (AR)

16 May, participation as a speaker presentation with the theme “Benessere dell’abitare in edifici ad energia quasi zero” to the regional stage of the Tour of national conferences “SMART VILLAGE IN TOUR”

8 May

Benessere dell’abitare in edifici ad energia quasi zero
Milano (MI)

12 – 14 April

Benessere dell’abitare in edifici ad energia quasi zero
Roma (RM)

21 March, participation as a speaker presentation with the theme “Benessere dell’abitare in edifici ad energia quasi zero” to the regional stage of Catania of the Tour of national conferences “SMART VILLAGE IN TOUR”

14 March, participation as a speaker presentation with the theme “Benessere dell’abitare in edifici ad energia quasi zero” to the regional stage of Firenze of the Tour of national conferences “SMART VILLAGE IN TOUR”

13 March, participation as a speaker presentation with the theme “Benessere dell’abitare in edifici ad energia quasi zero” to the regional stage of Perugia of the Tour of national conferences “SMART VILLAGE IN TOUR”

19 February

Breve introduzione alla definizione di Passivhaus e novità del PHPP 7
Mareno di Piave (TV)

31 January

Benessere dell’abitare in edifici ad energia quasi zero
Coredo (TN)

28 January

L’Europa sceglie lo standard passivo per l’efficienza energetica dal 2018
Riva del Garda (TN)

2012

9 November

Casa Passiva: introduzione al concetto di edificio passivo, requisiti energetici, strumenti e modalità di calcolo
Bolzano (BZ)

20 October

Progettare una Passivhaus
Milano (MI), 1° Convegno Nazionale Passivhaus

6 October

Passivhaus in the Mediterranean climate
GR - Atene, 1° Hellenic Passivhaus Conference

3 July

La Passivhaus tra comfort e qualità energetica
Lo standard Passivhaus e le opportunità nella ristrutturazione
Udine (UD), 1° Conference Passivhaus Friuli Venezia Giulia

6 – 7 June, participation as a speaker presentation with the theme “Edifici a consumo zero come futuro dell’edilizia” to the regional stage in Parma and Verona for the Tour of national conferences “EDIFICI A ENERGIA QUASI ZERO 2012”

2011

23 – 24 May, participation as a speaker presentation with the theme “Edifici a consumo zero come futuro dell’edilizia” to the regional stage in Genova and Torino for the Tour of national conferences “EDIFICI A ENERGIA QUASI ZERO 2012”

18 May

Lo standard Passivhaus - specificità climatiche

Rovigo (RO)

16 – 17 May, participation as a speaker presentation with the theme “Edifici a consumo zero come futuro dell’edilizia” to the regional stage in Bergamo and Udine for the Tour of national conferences “EDIFICI A ENERGIA QUASI ZERO 2012”

9 February

L'emergenza freddo non è più un problema... - Lo standard Passivhaus

Isera (TN)

28 October

Presentazione del Passivhaus Institut (Darmstadt) – collaborazione con le aziende: esempi e buone prassi a livello europeo

Vicenza (VI) [**representing the Passivhaus Institut**]

14 October

Passivhaus: esperienze progettuali – dal sogno alla realizzazione

Schio (VI)

21 June

Progettare e realizzare l'efficienza energetica nelle costruzioni – lo standard Passivhaus

Farra di Soligo (TV)

16 June

La casa passiva in legno nel clima mediterraneo - Casi reali in Trentino di edifici a consumo quasi zero

Segonzano (TN)

04 May

Europa 2018 – obiettivo Passivhaus

Sede ITEA a Trento (TN)

23 March

Presentazione del concetto Passivhaus

Castelfranco Veneto (TV)

2010

14 October

Le pareti in legno TWOODS – proprietà fisico-edili

Creazzo (VI)

05 June

Problemi e soluzioni per l'efficienza energetica delle costruzioni - Progettare l'efficienza energetica

Cittadella (VI)

15 April

Il progetto Passivhaus - organizzazione di un concetto consapevole ed integrato per la progettazione di case passive

Fano (PU)

2009

12 November

Introduzione a due software: Dämmwerk & PHPP

St. Leonhard in Passeier (BZ)

3 October
IG Passivhaus Alto Adige
Rovigo (RO)

List of conferences exhibitions

2015

- 16 – 19 April, 19° International Passivhaus Conference, Leipzig (D)
- 18 – 21 March, MADE Expo, Milano (MI)
- 20 February, LegnoEdilizia, Verona (VR)
- 29 Jan – 01 February, Klimahouse 2015, Bolzano (BZ)

2014

- 13 – 14 December, “PassiEXPO – 3° Hellenic Passivhaus Conference”, Atene (GR)
- 29 – 30 November, 2° Conferência Passivhaus Portugal, Aveiro (PT)
- 19 – 23 November, 6° Conferencia española Passivhaus, Madrid (E)
- 13 – 16 November, Bauholzenergie, Berna (CH)
- 22 – 25 October SAIE, Bologna (BO)
- 17 – 19 October, Expo Montevarchi, Montevarchi (AR)
- 11 – 17 September, Fiera del Levante, Bari (BA)
- 03 July, 3° Convegno Passivhaus del Friuli Venezia Giulia, Pordenone (PN)
- 20 – 23 May, Energetics, Celje (SLO)
- 6 – 10 May, Turkey Build 2014, TR - Istanbul
- 23 – 26 January, Klimahouse 2014, Bolzano (BZ)

2013

- 4 – 6 December, International Forum about Wood (IHf 2008): “Dalla pratica - per la pratica, Sostenibilità | Ecologia | Innovazione | Ricerca | Sviluppo | Costruzione”, D - Garmisch-Partenkirchen
- 28 – 30 November, RenExpo Austria, A - Salzburg
- 30 November, 1° Conferência Passivhaus Portugal, PT - Aveiro
- 15 – 17 November, Energy Days, Montichiari (BS)
- 25 – 26 October, PassiEXPO – 2° Hellenic Passivhaus Conference, GR - Atene
- 15 October, Forum SAIE 2013, Bologna (BO)
- 5 October, 2° Convegno Nazionale Passivhaus, MADE Expo Milano
- 4 July, 2° Convegno Passivhaus del Friuli Venezia Giulia, Udine (UD)
- 8 – 10 May 2013, The Innovation Cloud, Milano (MI)
- 17 – 21 April, 17° Convegno Internazionale Passivhaus, D - Frankfurt a.M.
- 24 – 27 January, Klimahouse 2013, Bolzano (BZ)

2012

- 17 – 20 October, MADE Expo Milano
- 6 – 7 October, 1° Hellenic Passivhaus Conference, GR - Atene
- 13 – 15 June, InterSolar, D - München
- 4 – 6 May, 16° International Conference Passivhaus, D - Hannover

2011

- 12 – 17 July, III Gebirgsakademie, Pfelders (BZ)
- 20 – 21 June, Course about software Delphin, Institut für Bauklimatik, D - TU Dresden
- 27 – 28 May, 15° International Conference Passivhaus, A - Innsbruck
- 6 May, Arbeitskreis 44 (AK44) – La ventilazione in edifici passivi non residenziali, D - Hannover
- 4 – 5 May, SolarExpo, Verona (VR)
- 27 – 30 January, 6° International Conference KlimaHaus "Costruire il Futuro", Bolzano (BZ)
- 17 – 22 January, BAU 2011 Il futuro del costruire, D - München

2010

- 1 October, 4° National Conference Case Passive 2010, Rovigo (RO)
- 17 September, Arbeitskreis 41 (AK41) – Il comfort termico estivo negli edifici passivi non residenziali, D - Darmstadt
- 14 – 18 July, II Gebirgsakademie, Pfelders (BZ)
- 05 June, 3° Convegno BioHaus "La Casa a Risparmio Energetico", Cittadella (VI)
- 28 – 29 May, 14° Convegno Internazionale Passivhaus, D - Dresden
- 21 – 24 January, 5° International Congress KlimaHaus "Costruire il Futuro", Bolzano (BZ)

2009

- 12 – 15 November, Workshop EnergieMesse Passeier 2009 organized by IG Passivhaus Südtirol, St. Leonhard in Passeier (BZ)
- 2 – 3 October, 3° National Conference Case Passive 2009, Rovigo (RO)
- 15 – 18 July, I Gebirgsakademie, Pfelders (BZ)
- 16 – 19 April, 13° International Conference Passivhaus, D - Frankfurt
- 12 – 17 January, BAU 2009 Architettura - Materiali - Sistemi, D - München

2008

- 3 – 5 December, International Forum about Wood (IHF 2008): "Dalla pratica - per la pratica, Sostenibilità | Ecologia | Innovazione | Ricerca | Sviluppo | Costruzione", D - Garmisch-Partenkirchen
- 3 – 5 October, 2° National Conference Case Passive 2008, Rovigo (RO)
- 3 – 6 April, 2° National Meeting Case Passive: "il punto sull'abitare del futuro", F - Grenoble
- 17 – 19 January, 3° International Conference KlimaHaus "Costruire il Futuro", Bolzano (BZ)

List
Technical translation

2013

Passivhaus Institut
Course Translation of ACPH (Artigiano Certificato Passivhaus)

2012

Passivhaus Institut
Course Translation of CEPH (Certified European Passivhaus Designer)

Passivhaus Institut
Translation of software PHPP 7.1 in Italian (2012)

2011

Passivhaus Institut
Translation of different technical documents, brochure iPHA

Hannomayr
Le facciate Vitralux

Fermacell srl
Scheda tecnica Firepanel A1

TopHaus SpA
Schede tecniche Baumit, Knauf, Nelskamp, Schlagmann

IGP Südtirol
Brochure IGP Südtirol per fiera Klimahouse 2011

2010

Agenzia Provinciale per l'Energia (APE) della Provincia Autonoma di Trento
Translation of a training for tradespersons in the project ILETE

Agenzia Provinciale per l'Energia (APE) della Provincia Autonoma di Trento
Criteria catalog "EnerBuild"

IGP Südtirol / AAP Architekten ZT-GmbH
Informative poster on Passive Houses (from the book "Wir bauen uns ein Sonnenhaus" Martina Feirer ed Alexandra Frankel)

Solare-Datensysteme GmbH / SolarFox GmbH
Translation of firmware of synoptic display "Solar-Fox"

Solare-Datensysteme GmbH
Installation and User Manual SolarLog200 / 500/1000

BioHabitat srl
Technical reports and European Technical Approval (ETA, European Technical Approval) systems wooden TWOODS

2009

Solare-Datensysteme GmbH
Installation and User Manual SolarLog500 / 1000, SolarLog portal

Fermacell srl
Brochure on seismic, various data sheets and brochures

Thomas Königstein

Manuale per costruzioni a risparmio energetico - Puntualizziamo: informazioni tecniche indipendenti per una migliore efficienza energetica

1^a Edizione italiana, Edizioni Königstein (2010)

Original Title: *Ratgeber energiesparendes Bauen - Auf den Punkt gebracht: Neutrale Fachinformationen für mehr Energieeffizienz*

4. Auflage, Eberhard Blottner Verlag Taunusstein & Fraunhofer IRB Verlag Stuttgart (2009)

Lars Keller

Manuale per impianti di ventilazione e climatizzazione - Fondamenti di termodinamica | Componenti di un impianto di climatizzazione completo | Norme e prescrizioni

1^a Edizione italiana, Oldenbourg Industrieverlag (2009)

Original Title: *Leitfaden für Lüftungs- und Klimaanlage - Grundlagen der Thermodynamik | Komponenten einer Vollklimaanlage | Normen und Vorschriften*

2. Auflage, Oldenbourg Industrieverlag (2009)

2008

Solare-Datensysteme GmbH

Installation and User Manual SolarLog100e/400e/800e