



### 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

Dates	11/2011 – today
Occupation or position held	Director in ZEPHIR – Zero Energy and Passivhaus Institute for Research
Main activities and responsibilities	Director
Name and address of employer	ZEPHIR srl, Loc. Fratte 18/3, I-38057 Pergine Valsugana (TN)
Type of business or sector	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.
Dates	11/2011 – today
Occupation or position held	Director in TecnoSI – Tecnologia al Servizio dell’Innovazione
Main activities and responsibilities	Director
Name and address of employer	TecnoSI srl, Loc. Fratte 18/3, I-38057 Pergine Valsugana (TN)
Type of business or sector	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 inherent in the business. Production of custom application software for optimization of production processes, especially in the field of renewable energy.
Dates	04/2011 – 03/2012
Occupation or position held	Postdoctoral Research Fellow

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	01/2011 – 11/2011
Occupation or position held	External consultant
Main activities and responsibilities	Chef of the Passivhaus Design division
Name and address of employer	Armalab srl, Viale Dante 300, I-38057, Pergine Valsugana (TN)
Type of business or sector	Sustainable design of buildings
Dates	11/2008 – 12/2011
Occupation or position held	Director in TCProg® – Traduzioni Consulenza e Progettazione
Main activities and responsibilities	Technical translations, energy consulting in the field of building physics, Passivhaus design
Name and address of employer	TCProg, Loc. Fratte 18/3, I-38057 Pergine Valsugana (TN)
Type of business or sector	Technical translations, dissemination of scientific documents and energy consulting about renewables and low-energy buildings, training and certification according to the international Passivhaus standard. National distribution of a PV-monitoring device (SolarLog) and technical assistance. Owner of an e-commerce for the sale of a variety of products related to the activity.
Dates	04/2008 – 11/2008
Occupation or position held	Senior technician
Main activities and responsibilities	Passivhaus design
Name and address of employer	TBZ srl, Via Maso della Pieve 60a, I-39100 Bolzano (BZ)
Type of business or sector	Sustainable buildings, building physics, acoustics and indoor air quality.
Dates	10/2007 – 05/2008
Occupation or position held	Project manager
Main activities and responsibilities	Design of photovoltaic plants
Name and address of employer	PVEnergy srl, Pillhof 25, I-39057 Frangarto (BZ)
Type of business or sector	Consulting, design and monitoring of photovoltaic systems.
Dates	07/2007 – 10/2007
Occupation or position held	Designer for technical systems
Main activities and responsibilities	Design of solar thermal and geothermal plants
Name and address of employer	Suntek srl, Via delle Fabbriche 2, I-39031 Brunico (BZ)
Type of business or sector	Renewables

## 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) , ISCED 6
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., ISCED 5  
 Final grade in national classification 105/110

**Personal skills and competences**

- 2016** Member of the Scientific conference advisory board of the International Passivhaus Conference 2016
- 2015** Member of the Jury Board of the Passivhaus Window Component Award 2015
- 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)
- 2005** Certificate of Mittelstufe I (corresponding to the European Certificate UNICERT 1 or CEF - B1)

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	<ul style="list-style-type: none"> <li>• Operating systems: Linux, Unix, Ms-Dos, Windows 95/98/2000/NT/XP/7/8</li> <li>• Programs: DynBil, Delphin, Design Builder, WUFI, AutoCAD, Dämmwerk, Ecotect, Sketchup, designPH, Office, Mathematica, Photoshop, LaTeX, Xmgrace, Gnuplot</li> <li>• Programming: Fortran77, Fortran90 (very good level), HTML, C (basics), Monte Carlo method (basics)</li> <li>• Other: Internet, networks, simulations</li> </ul>
Other scientific activities	<ul style="list-style-type: none"> <li>• Participation as Project Partner with ZEPHIR to 2 EU-funded research projects: EuroPHit (Improving the energy performance of step-by-step refurbishment and integration of renewable energies, 2013-2016, IEE), SEEDPass (South East Europe strategic partnership in vocational education and training in Passive House Design for nearly zero energy buildings development, 2014-2016, Erasmus+).</li> <li>• External supervisor for several Diploma and PhD thesis: Dr. Phys. Johannes Hausinger, Dr. Phys. Carmen Vierheilig, ing. Melania Castellone, ing. Mariano Luchi, ing. Nicola Bodini, ing. Marco Milanese, ing. Mauro Rizzello, ing. Ilaria Cappelletti, arch. Maria Niccoli, ing. Renzo Valentini</li> <li>• Co-organizer of the 1st Workshop on Quantum Computing and Quantum Information at the Universität Regensburg, sponsored by the Graduiertenkolleg "Nonlinearity and Nonequilibrium in Condensed Matter" (November 13-15 / 20-22 , 2006)</li> <li>• Editor of the Workshop-Report V 2005 of the Graduiertenkolleg collecting all Proceedings for the conference in Windberg (Sept. 2005).</li> <li>• System manager of the Prof. Dr. Grifoni's group at the Universität Regensburg.</li> <li>• Übungsleiter (Tutor) for the course Theoretical Mechanics (summer semester 2007) at the Universität Regensburg.</li> <li>• Übungsleiter (Tutor) for the course Mathematical Appendices for Physics (winter semester 2006) at the Universität Regensburg.</li> <li>• Übungsleiter (Tutor) for the course Theoretical Mechanics (summer semester 2005) at the Universität Regensburg.</li> </ul>
Collaborations	<ul style="list-style-type: none"> <li>• Collaboration with S.a.P.Automations India Pvt Ltd.</li> <li>• Collaboration with Associação Protipicol, Santana do Livramento, Brasil</li> <li>• Collaboration with University of Queensland – Brisbane, Australia</li> <li>• Collaboration with University of Salento, Italy</li> <li>• Collaboration with the Italian foundation ClimAbita</li> <li>• Collaboration with Trentino Sviluppo for ARCA certification for wooden houses</li> <li>• Collaboration with Energie &amp; Bildung Eng. Thomas Königstein Bressanone (BZ).</li> </ul>
Additional information	<ul style="list-style-type: none"> <li>• List of courses, conferences, conventions, exhibitions</li> <li>• Talks</li> <li>• List technical translations</li> <li>• List of publications</li> </ul>
Privacy	<p>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.</p>

## List of courses

### 2016

6 June – 7 June  
*Course Thermal Bridges*  
Governolo (MN)

11 April – 4 May  
*Course CEPH*  
Volon (VR)

4 April – 18 May  
*Course CEPH*  
Turin (TO)

### 2015

26 October – 20 November  
*Course CEPH*  
Legnano (MI)

19 October – 18 November  
*Course CEPH*  
Forlimpopoli (FC)

14 October – 15 October  
*Course Thermal Bridges*  
Turin (TO)

7 September – 30 September  
*Course CEPH*  
Pergine Valsugana (TN)

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

2016

28 July

*The Passivhaus standard | New buildings, retrofits and overview*  
Gassino Torinese (TO)

21 July

*Lo standard Passivhaus | L'esperienza di BiosPHera*  
Riccione (RN)

12 July

*PassivHaus: un nuovo approccio progettuale | Il massimo del benessere abitativo*  
Torino (TO)

21 June

*La ristrutturazione dell'ex oratorio di Pergine Valsugana (TN)*  
Riva del Garda (TN), REBuild

15 June

*The five Passivhaus Pillars*  
Zagreb (HR), SeedPASS project

10 June

*Il mondo PassivHaus | I nuovi decreti attuativi, EnerPHit e le nuove classificazioni Passivhaus*  
Treviso (TV)

9 June

*Il mondo PassivHaus | I nuovi decreti attuativi, EnerPHit e le nuove classificazioni Passivhaus*  
Parma (PR)

24 May

*Lo standard Passivhaus | L'esperienza di BiosPHera*  
Milano (MI)

21 May

*EnerPHit: ristrutturare secondo lo standard Passivhaus conviene*  
Asti (AT)

19 May

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

12 May

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

5 May

*Strategie e criteri progettuali per edifici a consumo quasi zero*  
Verona (VR), Tour MIRTeC Team Solution

27 April

*Il mondo PassivHaus | I nuovi decreti attuativi, EnerPHit e le nuove classificazioni Passivhaus*  
Cittanova (RC)

26 April

*Strategie e criteri progettuali per edifici a consumo quasi zero*  
Calenzano (PO), Tour MIRTeC Team Solution

15 April

*Il mondo PassivHaus | I nuovi decreti attuativi, EnerPHit e le nuove classificazioni Passivhaus*  
Stresa (VB)

23 March  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Pasion di Prato (UD), Tour MIRTeC Team Solution

22 March  
*Edilizia Ecosostenibile: i protocolli energetici e la PassivHaus*  
 Monza (MB)

16 March  
 participation as a speaker presentation with the theme “*Novità e convenienza economica di una Passivhaus nel clima mediterraneo*” to the regional stage of Bari of the Tour of national conferences “EDILPORTALE TOUR 2016”

10 March  
 participation as a speaker presentation with the theme “*Novità e convenienza economica di una Passivhaus nel clima mediterraneo*” to the regional stage of Cosenza of the Tour of national conferences “EDILPORTALE TOUR 2016”

12 February  
*Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]*  
 Riva del Garda (TN)

29 January  
*Investire sul presente: Passivhaus, casa passiva o classe A?*  
 Bari (BA)

28 January  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Bolzano (BZ), Tour MIRTeC Team Solution

## 2015

27 November  
*Consciousness in energy efficiency: the Italian experience*  
 Barcelona (E), 7th Spanish Passivhaus Conference

23 November  
*Gli standards Passivhaus & Minergie a confronto: esperienze in ambito alpino*  
 Aosta (AO)

21 November  
*Lo standard Passivhaus e gli edifici a consumo "quasi zero" (nZEBs) in Italia*  
 Torino (TO), 3rd Italian Passivhaus Conference

13 October  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Torino (TO), Tour MIRTeC Team Solution

8 October  
*Novità e convenienza economica di una Passivhaus nel clima mediterraneo*  
 Palmi (RC)

7 October  
*Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]*  
 Rimini (RN)

24 September  
*Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]*  
 Forlimpopoli (FC)

22 September  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Milano (MI), Tour MIRTeC Team Solution

17 September  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Bologna (BO), Tour MIRTeC Team Solution



10 July  
*Il protocollo Passivhaus per il massimo benessere abitativo*  
 Milano (MI), EXPO

3 July  
*Soluzioni abitative ad alta efficienza energetica - Passivhaus in due ore e mezza [Workshop]*  
 Genova (GE)

25 June  
*Example towards a neZE Hotel. The step-by-step deep retrofitting approach*  
 Nice (F), neZEH

28 May  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Padova (PD), Tour MIRTeC Team Solution

19 May  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Genova (GE), Tour MIRTeC Team Solution

12 May  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Egna (BZ), Tour MIRTeC Team Solution

29 April  
*Strategie e criteri progettuali per edifici a consumo quasi zero*  
 Grassobbio (BG), Tour MIRTeC Team Solution

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)

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)

## 2013

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, 2nd 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), 2nd National Conference Passivhaus

25 September  
*Finestre Passivhaus*  
Trento (TN)

4 July  
*Bilancio di un mondo che (finalmente) si muove*  
Udine (UD), 2nd 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 Padua of the Tour 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 Pescara 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”

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)

## 2011

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)
- 2007**
- 26 April  
*Spin-boson dynamics: a unified approach from weak to strong coupling*  
Trento (I), invited talk
- 26 March  
*Spin-boson dynamics: a unified approach from weak to strong coupling*  
Regensburg (D)
- 2006**
- 29 September  
*A particle in a bistable potential: The new WIBA approach*  
Windberg (D)
- 2005**
- 14 June  
*(Driven) Dissipative Quantum System - An Example: A Particle in a Double-Well Potential*  
Wildschönau (A)
- 15 April  
*(Driven) Dissipative Quantum System - An Example: A Particle in a Double-Well Potential*  
Regensburg (D), invited talk
- 25 January  
*(Driven) Dissipative Quantum System - An Example: A Particle in a Double-Well Potential*  
München (D), invited talk
- 2004**
- 05 April  
*Spin-boson system dynamics*  
Regensburg (D)
- 2003**

16 January

*Dynamical superfluid-insulating transition in a Bose-Einstein condensate moving through an optical lattice*

Regensburg (D)

## List of conferences exhibitions

### 2016

- 21 June, REBuild, Riva del Garda (TN)
- 14 – 16 June, SeedPASS Conference, Zagreb (HR)
- 22 – 24 April, 20° International Passivhaus Conference, Darmstadt (D)
- 21 March, EuroPHit Final Meeting, Frankfurt (D)
- 17 – 18 March, SeedPASS Meeting, Atene (GR)
- 28 – 31 January, Klimahouse 2016, Bolzano (BZ)

### 2015

- 26 – 27 November, 7th Spanish Passivhaus Conference, Barcelona (E)
- 3 – 8 September, OTMC Conference + SeedPASS Meeting, Primošten (HR)
- 15 July, EXPO Milano, Milano (MI)
- 24 June, International conference on nearly Zero Energy Hotel, Nice (F)
- 22 June, MED Conference, Marseille (F)
- 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

	<p>15 October, Forum SAIE 2013, Bologna (BO)</p> <p>5 October, 2° Convegno Nazionale Passivhaus, MADE Expo Milano</p> <p>4 July, 2° Convegno Passivhaus del Friuli Venezia Giulia, Udine (UD)</p> <p>8 – 10 May 2013, The Innovation Cloud, Milano (MI)</p> <p>17 – 21 April, 17° Convegno Internazionale Passivhaus, D - Frankfurt a.M.</p> <p>24 – 27 January, Klimahouse 2013, Bolzano (BZ)</p>
<b>2012</b>	<p>17 – 20 October, MADE Expo Milano</p> <p>6 – 7 October, 1° Hellenic Passivhaus Conference, GR - Atene</p> <p>13 – 15 June, InterSolar, D - München</p> <p>4 – 6 May, 16° International Conference Passivhaus, D - Hannover</p>
<b>2011</b>	<p>12 – 17 July, III Gebirgsakademie, Pfelders (BZ)</p> <p>20 – 21 June, Course about software Delphin, Institut für Bauklimatik, D - TU Dresden</p> <p>27 – 28 May, 15° International Conference Passivhaus, A - Innsbruck</p> <p>6 May, Arbeitskreis 44 (AK44) – La ventilazione in edifici passivi non residenziali, D - Hannover</p> <p>4 – 5 May, SolarExpo, Verona (VR)</p> <p>27 – 30 January, 6° International Conference KlimaHaus "Costruire il Futuro", Bolzano (BZ)</p> <p>17 – 22 January, BAU 2011 Il futuro del costruire, D - München</p>
<b>2010</b>	<p>1 October, 4° National Conference Case Passive 2010, Rovigo (RO)</p> <p>17 September, Arbeitskreis 41 (AK41) – Il comfort termico estivo negli edifici passivi non residenziali, D - Darmstadt</p> <p>14 – 18 July, II Gebirgsakademie, Pfelders (BZ)</p> <p>05 June, 3° Convegno BioHaus "La Casa a Risparmio Energetico", Cittadella (VI)</p> <p>28 – 29 May, 14° Convegno Internazionale Passivhaus, D - Dresden</p> <p>21 – 24 January, 5° International Congress KlimaHaus "Costruire il Futuro", Bolzano (BZ)</p>
<b>2009</b>	<p>12 – 15 November, Workshop EnergieMesse Passeier 2009 organized by IG Passivhaus Südtirol, St. Leonhard in Passeier (BZ)</p> <p>2 – 3 October, 3° National Conference Case Passive 2009, Rovigo (RO)</p> <p>15 – 18 July, I Gebirgsakademie, Pfelders (BZ)</p> <p>16 – 19 April, 13° International Conference Passivhaus, D - Frankfurt</p> <p>12 – 17 January, BAU 2009 Architettura - Materiali - Sistemi, D - München</p>
<b>2008</b>	<p>3 – 5 December, International Forum about Wood (IHF 2008): "Dalla pratica - per la pratica, Sostenibilità   Ecologia   Innovazione   Ricerca   Sviluppo   Costruzione", D - Garmisch-Partenkirchen</p>



- 3 – 5 October, 2° National Conference Case Passive 2008, Rovigo (RO)
- 3 – 6 April, 2° National Meeting Maison Passif: "il punto sull'abitare del futuro", F - Grenoble
- 17 – 19 January, 3° International Conference KlimaHaus "Costruire il Futuro", Bolzano (BZ)
- 2007**
- 26 – 30 March, DPG-Frühjahrstagung des Arbeitskreises Festkörperphysik, **poster** "*Spin-boson dynamics in a structured environment: A path integral approach*", D – Regensburg
- 2006**
- 13 – 15 / 20 – 22 November, **organizer** 1st Workshop on Quantum Computation and Information, D - Regensburg
- 27 – 29 September, Annual meeting of the DFG Research School 638 "Nonlinearity and Nonequilibrium in Condensed Matter", D – Windberg
- 8 – 11 May, 366. WE-Heraeus-Seminar on "Qubits and Macroscopic Quantum Coherence: From Superconducting Devices to Ultra-cold Gases", **poster** "*Inter-well and intra-well dynamics in a driven dissipative multilevel system*", D - Bad Honnef
- 2005**
- 27 – 29 September, Annual meeting of the DFG Research School 638 "Nonlinearity and Nonequilibrium in Condensed Matter", D - Windberg
- 13 – 15 June, 1st PhD Workshop on Quantum Information Processing in Solid State Systems, A - Wildschönau
- 2004**
- 1 – 12 November, School and Workshop on Quantum Entanglement, Decoherence, Information and Geometrical Phases in Complex Systems, Trieste (TS)
- 27 – 29 September, Annual meeting of the DFG Research School 638 "Nonlinearity and Nonequilibrium in Condensed Matter", D – Windberg
- 13 – 17 September, Solid State Based Quantum Information Processing QIP 2004, D – Herrsching
- 26 – 28 July, 330. WE-Heraeus-Seminar on "Controlling Decoherence", **poster** "*Inter-well and intra-well dynamics in a driven dissipative multilevel system*", D - Bad Honnef
- 8 – 12 March, DPG-Frühjahrstagung des Arbeitskreises Festkörperphysik, D - Regensburg

**List**  
**Technical translation**

**2016**

Passivhaus Institut  
*Translation of software PHPP 9.6 in Italian (2016)*

**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, green brochure iPHA*  
Hannomayr  
*Le facciate Vitralux*  
Fermacell srl  
*Scheda tecnica Firepanel A1*  
TopHaus SpA  
*Schede tecniche Baunit, 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<sup>a</sup> 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<sup>a</sup> 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*

## List of publications

### 2016

Chapter on the book “Indagini termografiche dei ponti termici | dalla simulazione termografica all’analisi con termocamera con indicazioni pratiche per edifici certificati CasaClima o PassivHaus”, *Legislazione Tecnica 2016*, 1st Edition, July 2016<sup>†</sup>

Interview on *L’Ufficio Tecnico*, n. 5 (May 2016)<sup>\*</sup>

Interview on *EdilTecnico*, 24/03/2016<sup>\*</sup>

Boschi M., Nesi F., “BiosPHera 2.0 – La casa della Energy Revolution”, *Eudomia*, Jan. 2016<sup>\*</sup>

### 2015

N. Bodini, Prof. D. Zardi, F. Nesi, M. Larcher, L. Giovannini, “Development of a tool for the evaluation of a Test Reference Year of climatic data in support of the design of a Passivhaus”, poster ICEM 2015 in Boulder, Colorado, 2015<sup>‡</sup>

Larcher M., Nesi F., “EuroPHit: ristrutturazione “step-by-step” per la rivoluzione energetica”, *Eudomia*, June 2015<sup>\*</sup>

Ariaudo F., Nesi F., “Protocolli di certificazione ambientale: Passivhaus, come funziona la procedura”, *Architetti.info, canale Green*, 10/02/2015<sup>\*</sup>

Ariaudo F., Nesi F., “Protocolli di certificazione ambientale, Passivhaus: temi, diffusione, applicazioni”, *Architetti.info, canale Green*, 09/02/2015<sup>\*</sup>

### 2014

Nesi F., “Come si raggiunge lo standard Passivhaus”, *Ingenio*, n.21, 04/2014<sup>\*</sup>

Interview on *Edificios e Energia*, n. 92 (April 2014)<sup>\*</sup>

Nesi F., “Passivhaus: il futuro è già qui”, *Infobuild Energia*, 25/02/2014<sup>\*</sup>

Interview on *La Stampa*, 07/02/2014<sup>\*</sup>

Interview on *Edificios e Energia*, n. 91 (Febr. 2014)<sup>\*</sup>

### 2013

Interview on *Casa 24 Plus (Il Sole24Ore)*, n.306 (Nov. 2013)<sup>\*</sup>

Nesi F., “Fare molto con molto poco”, *Civiltà di cantiere*, n.00, year I (Oct. 2013)<sup>\*</sup>

### 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”, *proceedings EWCHP 2012* in Oslo, Norway<sup>‡</sup>

### 2011

<sup>†</sup> Contribution on a book.

<sup>\*</sup> Not peer-reviewed article.

<sup>‡</sup> Conference contribution.

	Interview on <i>Specializzata</i> , n.202 (Sept. 2011)*
	Nesi F., "I serramenti in una Passivhaus", <i>Legnolegno news</i> , n.39 (Sept. 2011)*
<b>2010</b>	Nesi F., "Agire in maniera consapevole", <i>La Bussola</i> , n.3 (2010)*
<b>2007</b>	Francesco Nesi, Elisabetta Paladino, Michael Thorwart and Milena Grifoni, "Spin-boson dynamics beyond conventional perturbation theories", <i>Phys. Rev. B</i> 76, 155323 (2007), 0707.0210 <sup>§</sup>
	Francesco Nesi, Milena Grifoni and Elisabetta Paladino, "Dynamics of a qubit coupled to a broadened harmonic mode at finite detuning", <i>New J. Phys.</i> 9, 316 (2007), 0706.4029 <sup>§</sup>
	Francesco Nesi, Elisabetta Paladino, Michael Thorwart and Milena Grifoni, "Spin-boson dynamics: A unified approach from weak to strong coupling", <i>Europhys. Lett.</i> 80, 40005 (2007), cond-mat/0612396 <sup>§</sup>
<b>2006</b>	Francesco Nesi and Milena Grifoni, "Spin-boson dynamics beyond conventional perturbations schemes", <i>Workshop-Report VI of the Graduiertenkolleg</i> (2006). <sup>§</sup>
<b>2004</b>	Francesco Nesi and Michele Modugno, "Loss and revival of phase coherence in a Bose-Einstein condensate moving through an optical lattice", <i>J. Phys. B: At. Mol. Opt. Phys.</i> 37, S101-113 (2004). <sup>§</sup>

---

<sup>§</sup> Peer-reviewed article.

## References

**1.**

Prof. Dr. Milena Grifoni  
Quantum Transport and Spintronics  
Institut I - Theoretische Physik  
Universität Regensburg  
D-93040 Regensburg (Postadresse)  
Tel. +49 (0)941 943 2035  
Email: milena.grifoni@physik.uni-regensburg.de

**2.**

Univ.-Prof. Dipl.-Phys. Dr.-Ing. Wolfgang Feist  
Institut für Bauphysik  
Arbeitsbereich Energieeffizientes Bauen  
Technikerstraße 13, 5. Stock  
A-6020 Innsbruck  
Tel. +43 (0)512 507 63600  
Email: wolfgang.feist@uibk.ac.at