

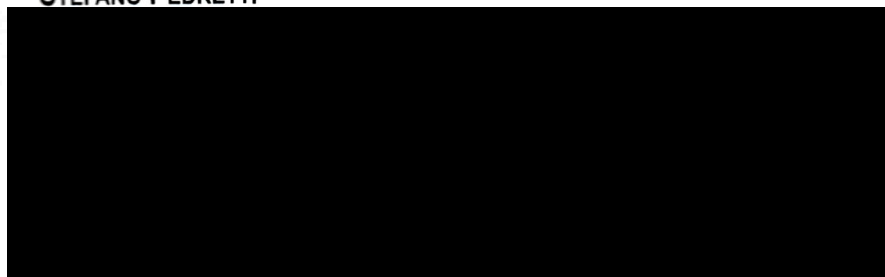
# EUROPEAN CV FORM



## PERSONAL INFORMATIONS

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Name **STEFANO PEDRETTI**  
Address  
Mobile  
E-mail  
Nationality  
Date of Birth



**PROFESSION:                      CARDIOLOGIST**

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## ACADEMIC COURSE AND AWARDS

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- **2016. EHRA 1st level certification in Invasive Electrophysiology.**
- **2008. European certification in Cardiovascular Magnetic Resonance.** (CMR ESC working group exam).
- **2006. Postgraduation in Cardiology.** Cardiology Postgraduate School, Milano – Bicocca University (director: Prof. G. Mancía) - Vote 30/30 with honors.
- **2002: Graduation in Medicine.** Faculty of Medicine, Milano – Bicocca University - Vote 110/110 with honors.
- **1996:** First place over 1200+ competitors at the Faculty of Medicine entry test.
- **1996. High school graduation** - Scientific Secondary school- Vote 60/60.

## PROFESSIONAL COURSE

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- Period **2018 - Current**
  - Institution Electrophysiology Unit - Cardiology Department - S. Anna Hospital, S. Fermo Della Battaglia (Como) - Italy (Director: Dr. C. Campana).
  - Title Head of the Electrophysiology Unit.

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  - Period **2011 - 2017**
  - Institution Electrophysiology Unit, Cardiothoracic Department - Niguarda-Ca'Granda Hospital, Milan - Italy (Director: Dr. M. Lunati)
  - Title Assistant

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  - Period **2009 - 2011**
  - Institution Electrophysiology Unit, Cardiothoracic Department - Niguarda-Ca'Granda Hospital, Milan - Italy (Director: Dr. M. Lunati)
  - Title Fellow
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• Institution	Cardiovascular Magnetic Resonance Unit, Cardiothoracic Department - Niguarda-Ca'Granda Hospital, Milan - Italy (Director: Dr. A. Roghi)
• Title	Fellow

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## PROFESSIONAL COMPETENCE

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**2012-2017: main consultant in complex arrhythmia ablation at Niguarda Ca' Granda Hospital.**

**2015-2019: 400 procedures performed as first operator; about 160 complex ablations.**

### Interventional Electrophysiology: Cardiac Pacing

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Full Competence	<ul style="list-style-type: none"> <li>• Single and dual chamber pacemaker and ICD implant</li> <li>• CRT-P and CRT-D device implant</li> <li>• Implant upgrades</li> <li>• ILR implant and extraction</li> <li>• Emergency pacing</li> <li>• Hisian pacing</li> </ul>
Intermediate Competence	<ul style="list-style-type: none"> <li>• Implants in complex congenital heart disease</li> <li>• sICD implant</li> </ul>
Basic Competence	<ul style="list-style-type: none"> <li>• Device extractions</li> </ul>
No Competence	<ul style="list-style-type: none"> <li>• LV endocardial pacing</li> </ul>

### Interventional Electrophysiology: Ablation

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Full Competence	<ul style="list-style-type: none"> <li>• Basic Electrophysiologic Study</li> <li>• Electroanatomic Mapping (EAM) with CARTO3, CARTO XPress, CARTO XP</li> <li>• Transeptal catheterization</li> <li>• Conventional EP study and ablation: AV node, AVNRT, AVRT, common type atrial flutter</li> <li>• EAM with CARTO and ablation of simple arrhythmias: AV node, AVNRT, AVRT, right atrial flutter, focal atrial tachycardia (AT), Idiopathic VT/VEBs</li> <li>• EAM with CARTO and ablation of complex arrhythmias: pulmonary veins isolation (PVI), PVI redo, Post-PVI and incisional AT, long-standing persistent AF, ventricular tachycardia (VT) in ischemic and idiopathic DCM, atrial and ventricular tachycardia in grown-up congenital heart disease (GUCHD)</li> <li>• EAM with Boston Rhythmia and NavX systems</li> </ul>
Intermediate Competence	<ul style="list-style-type: none"> <li>• VT Ablation in LVAD patients</li> <li>• Epicardial mapping and ablation</li> </ul>
Basic Competence	<ul style="list-style-type: none"> <li>• Bipolar ablation</li> <li>• PVI with cryoballoon/PVAC</li> </ul>
No Competence	<ul style="list-style-type: none"> <li>• Hybrid (Open chest) ablation and ablation during cardiac surgery</li> <li>• LAA occlusion</li> </ul>

### Cardiovascular Magnetic Resonance

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Full Competence	<ul style="list-style-type: none"> <li>• Complete execution and interpretation of CMR for any indication, (adult and pediatric)</li> <li>• Complete post-processing CMR images with Siemens workstations and CMR42</li> <li>• 3D complex reconstructions</li> <li>• Osirix Viewer software</li> <li>• Noncardiac MRI EP assistance in patients with MRI-conditional PM/ICD/CRT devices</li> </ul>
Intermediate Competence	<ul style="list-style-type: none"> <li>• CMR in patients with PM/ICD</li> </ul>
Basic Competence	<ul style="list-style-type: none"> <li>• T1/T2 mapping execution and post-processing</li> <li>• Tagging post-processing</li> </ul>
No Competence	<ul style="list-style-type: none"> <li>• Interventional CMR</li> </ul>

### Clinical Cardiology and Electrophysiology

Full Competence	<ul style="list-style-type: none"> <li>• Outpatient management (cardiological and arrhythmological consult)</li> <li>• PM/ICD/CRT evaluation and programming</li> <li>• Patient management in emergency dpt.</li> <li>• CCU Patient management</li> <li>• BLS/D</li> <li>• Central Venous Catheterization</li> <li>• IABP placing and management</li> </ul>
Intermediate Competence	<ul style="list-style-type: none"> <li>• ACLS</li> <li>• Head-up tilting test</li> <li>• Transthoracic echocardiography</li> <li>• Treadmill stress test</li> <li>• Pulmonary artery/SG catheterization</li> <li>• Noninvasive ventilation</li> </ul>
Basic Competence	<ul style="list-style-type: none"> <li>• Trans-oesophageal echocardiography</li> <li>• Nuclear cardiology</li> <li>• Stress-echo</li> <li>• Invasive ventilation</li> </ul>
No Competence	<ul style="list-style-type: none"> <li>• Cardiopulmonary stress test</li> <li>• Cardiac catheterization/haemodynamic evaluation</li> <li>• Coronary angiography/interventions</li> </ul>

### CLINICAL RESEARCH FIELDS

- 2016: executive coordinator of the CMR core-lab of the Multi Point Pacing (MPP) multicenter trial (promoted by St Jude Medical)
- 2011-2017: CMR applications in VT ablation
- 2007-2011: CMR applications in SCD prediction - 2011: "Luci in Aritmologia" best scientific presentation award (Pisa, 15-17/06/2011).
- 2007-2011: CMR applications in AF ablation
- 2006: Heart Rate Turbulence in post-infarction SCD risk stratification (dissertation for post-graduation in cardiology)
- 2005-2006: Noninvasive Hemodynamic evaluation (Task Force Monitor) for CRT optimization
- 2005: echocardiography in CRT optimization
- 2005: Clinical predictors of ICD interventions
- 2003-2005: onset mechanism of paroxysmal atrial fibrillation (dissertation for graduation in medicine)

### PEER-REVIEW PUBLICATIONS

- Pedrotti P, Pedretti S, Imazio M, Quattrocchi G, Sormani P, Milazzo A, Quarta G - Risonanza magnetica cardiaca: istruzioni per l'uso. Cardiopatia



- ischemica, miocardite, malattie del pericardio, aritmie, valvulopatie, cardiopatie congenite e masse cardiache. *G Ital Cardiol*, 2019;20(1):8-19.
- Pedrotti P, Pedretti S, Imazio M, Quattrocchi G, Sormani P, Quarta G - **Risonanza magnetica cardiaca: istruzioni per l'uso. Scompenso cardiaco e cardiomiopatie.** *G Ital Cardiol*, 2018;19(12):679-691.
  - Pani A, Belotti G, Bonanno C, Bongiorno M, Bottoni MN, Brambilla R, De Ceglia S, Della Bella P, De Vito G, Malaspina D, Menardi E, Napoli V, Negroni SM, Ocello S, Orsida D, Pandolfi C, Pedretti S, Penela D, Pepi P, Vergara P. **Predictors of Zero X-Ray Ablation for Supraventricular Tachycardias in a Nationwide Multicenter Experience.** *Circulation: Arrhythmia and Electrophysiology*, 2018. 11. e005592. 10.1161/CIRCEP.117.005592.
  - Pedretti S, Vargiu S, Baroni M, Dellegrottaglie S, Lanzarin B, Roghi A, Milazzo A, Quattrocchi G, Lunati M, Pedrotti P - **Complexity of Scar and Ventricular Arrhythmias in Dilated Cardiomyopathy of Any Etiology: Long-Term Data from the SCARFEAR (cardiovascular Magnetic Resonance predictors of Appropriate Implantable Cardioverter Defibrillator therapy delivery) Registry.** *Clin Cardiol*, 2018 (in press).
  - Pedretti S, Cipriani M, Bonacina E, Vargiu S, Gil Ad V, Frigerio M, Lunati M - **Refractory ventricular tachycardia caused by inflow cannula mechanical injury in a patient with left ventricular assist device: Catheter ablation and pathological findings.** *J Arrhythm*, 2017; 33(5):494-496. Doi: 10.1016/j.joa.2017.04.007.
  - Pedrotti P, Vittori C, Facchetti R, Pedretti S, Dellegrottaglie S, Milazzo A, Frigerio M, Cipriani M, Giannattasio C, Roghi A, Rimoldi O - **Prognostic impact of late gadolinium enhancement in the risk stratification of heart transplant patients.** *Eur Heart J Cardiovasc Imaging*. 2017 Feb;18(2):130-137.
  - Pedretti S, Vargiu S, Paolucci M, Lunati M. **A case of premature ventricular contractions, ventricular tachycardia, and arrhythmic storm induced by right ventricular pacing during cardiac resynchronization therapy: Electrophysiological mechanism and catheter ablation.** *J Arrhythm*. 2015 Dec;31(6):401-5. doi: 10.1016/j.joa.2015.06.002.
  - Frigerio M, Lunati M, Pasqualucci D, Vargiu S, Foti G, Pedretti S, Vittori C, Cattafi G, Magenta G, Campo C, Bisetti S, Mercurio G - **Left ventricular ejection fraction overcrossing 35% after one year of cardiac resynchronization therapy predicts long term survival and freedom from sudden cardiac death: single center observational experience.** *Int J Cardiol*. 2014 Mar 1;172(1):64-71.
  - Marianeschi SM, Cannata A, Uricchio N, Pedretti S, Vignati G - **Partial anomalous connection of both superior pulmonary veins - Ann Thorac Surg**, 2012; 94(2):649-51.
  - Dellegrottaglie S, Pedrotti P, Roghi A, Pedretti S, Chiariello M, Perrone-Filardi P - **Regional and global ventricular systolic function in isolated ventricular non-compaction Pathophysiological insights from magnetic resonance imaging - Int J Cardiol**. 2012. 158(3):394-399.
  - Locati ET, Vargiu S, Mulargia E, Ardito C, Schirru M, Pedretti S, Negrini F, Lunati M - **I nuovi dispositivi impiantabili nella gestione del paziente: ruolo e prospettive del monitoraggio remoto nel controllo dei defibrillatori impiantabili - G Ital Cardiol** 2012;13(10 Suppl. 2):36S-40S
  - Lunati M, Pedretti S - **Approccio terapeutico alla fibrillazione atriale: quando i farmaci e quando l'ablazione - Giornale Italiano di Cardiologia**, 2010; 11(Suppl. 1): 12-16.
  - Roghi A, Dellegrottaglie S, Pedrotti P, Pedretti S, Cassinero E, Cappellini MD - **Unexpected myocarditis in thalassaemia major patient screened for iron load cardiomyopathy - BMJ Case Reports**, 16/02/2009.
  - Dellegrottaglie S, Cospite V, Pedrotti P, Pedretti S, Lanzarin B, Mauri F, Roghi A - **Valutazione combinata della perfusione e della contrattilità miocardica mediante risonanza magnetica con stress all'adenosina: fattibilità ed accuratezza nella diagnosi di malattia coronarica - G Ital Cardiol** 2009; 10 (2): 101-107.
  - Dellegrottaglie S, Pedrotti P, Pedretti S, Mauri F, Roghi A - **Persistent myocardial damage late after cardiac contusion: depiction by cardiac magnetic resonance - Journal of Cardiovascular Medicine** 2008, 9:1177-1179
  - Dellegrottaglie S, Pedrotti P, Pedretti S, Mauri F, Roghi A - **Atrial septal defect combined with partial anomalous pulmonary venous return: complete anatomic and functional characterization by cardiac magnetic resonance - Journal of Cardiovascular Medicine** 2008, 9:1184-1186 .
  - Marianeschi SM, Santoro F, Ribera E, Catena E, Vignati G, Ghiselli S, Pedretti S, Suleyman O, Ustunsoy H, Berdat PA - **Pulmonary Valve Implantation With the New Shelhigh Injectable Stented Pulmonic Valve - Ann Thorac Surg** 2008;86:1466-72.
  - Vincenti A, Brambilla R, Fumagalli MG, Merola R, Pedretti S - **Onset mechanism of paroxysmal atrial fibrillation detected by ambulatory Holter monitoring - Europace** 2006 8(3):204-210.

## SCIENTIFIC REPORTS - INTERNATIONAL CONFERENCES

- Baroni M, Pedretti S, Vargiu S, Paolucci M, Lunati M - **Validation of three different annotation techniques for electroanatomic mapping of premature ventricular beats.** Poster presentation at Progress in Clinical Pacing, 2016.
- Lunati M, Pedretti S, Lercher P, Landolina M, Rordorf R, Badie N, Ryu K, Qu F, Singh JP, Leclercq C. **Influence of scar presence and distribution on long-term reverse remodeling by cardiac resynchronization therapy with MultiPoint Pacing.** Poster presentation at EHRA-Cardiostim 2016.
- S. Pedretti, S. Vargiu, P. Pedrotti, A. Roghi, M. Lunati - **Epicardial fibrosis detected with delayed enhancement imaging is more prevalent in patients with nonischemic dilated cardiomyopathy receiving an ICD for secondary prevention.** Poster presentation at EHRA-Cardiostim 2015.
- Lunati MG, Pedretti S, Mulargia E, Ardito C, Vargiu S, Pedrotti P, Ottolina D, Bisetti S, Roghi A - **Complexity of Scar Assessed with Late Gadolinium Enhancement Cardiovascular Magnetic Resonance as an Independent Specific Predictor of Appropriate Implantable Cardioverter Defibrillator Therapy Delivery in Dilated Cardiomyopathy.** - (HRS, 2013)
- Pedretti S, Mulargia E, Ardito C, Vargiu S, Pedrotti P, Roghi A, Lunati M. - **Complexity of scar assessed with late gadolinium enhancement as an independent specific predictor of appropriate implantable cardioverter defibrillator therapy delivery in dilated cardiomyopathy.** - *Circulation* (2012) 126: A17417. (AHA, 2012).
- Roghi A, Lanza D, Pedrotti P, Milazzo A, Rimoldi O, Pedretti S - **Relationship between clinical presenting patterns of acute myocarditis and oedema and late enhancement extension.** - *Journal of Cardiovascular Magnetic Resonance*. 2012; 14 Suppl. 1:P185.
- Pedretti S, Mulargia E, Ardito C, Vargiu S, Banca' E, Nardiello A, Lanzarin B, Pedrotti P, Roghi A, Lunati M. - **Complexity of scar assessed with late gadolinium enhancement cardiovascular magnetic resonance predicts appropriate implantable cardioverter defibrillator therapy delivery.** - *Eur Heart J* (2011) 32 (suppl 1): 309-. (ESC, 2011)
- Pedrotti P, Vittori C, Pedretti S, Dellegrottaglie S, Milazzo A, Cipriani M, Frigerio M, Mauri F, Roghi A - **Abstract 13611: Negative Prognostic Impact of Late Gadolinium Enhancement on Cardiac Magnetic Resonance Images in Heart Transplant Patients.** - *Circulation*. 2010;122:A13611.
- Vittori C, Cipriani M, Pedrotti P, Dellegrottaglie S, Pedretti S, Bruschi G, Roghi A, Frigerio M. - **Late gadolinium enhancement patterns on cardiac magnetic resonance images in heart transplant patients.** - *J Heart Lung Transplant* 2010;29(2 Suppl 1):S157-.
- Pedrotti P, Dellegrottaglie S, Pedretti S, Vittori C, Cipriani M, Frigerio M, Perrone-Filardi P, Chiariello M, Roghi A - **Late gadolinium enhancement patterns on cardiac magnetic resonance images in heart transplant patients.** - *Journal of Cardiovascular Magnetic Resonance*, 2010; 12(Suppl. 1):O52.
- Roghi A, Cassinero E, Proto P, Pedrotti P, Pedretti S, Marcon A, Zanaboni L, Cappellini MD - **The effect of Deferasirox on myocardial iron overload and cardiac function: A prospective independent monocentric study using cardiovascular magnetic resonance T2** - *Haematologica* 2009;94:309-.
- Roghi A, Pedretti S, Pedrotti P, Dellegrottaglie S - **Incremental value of cardiac magnetic resonance in the characterization of unselected patients referred to exclude arrhythmogenic right ventricular cardiomyopathy.** - *Journal of Cardiovascular Magnetic Resonance*, 2009; 11(Suppl. 1):O62.
- Vincenti A, Pedretti S, Brambilla R, Cirò A, De Ceglia S - **Heart Rate Variability Before Paroxysmal Atrial Fibrillation Onset.** - *PACE*, 2003 (26 n° 2).

## SCIENTIFIC REPORTS - NATIONAL CONFERENCES

- Brambilla R, Pedretti S, Rovaris G, De Ceglia S, Mauro A, Trocino G, Vincenti A - **"Ottimizzazione dell'intervallo AV nei dispositivi CRT: confronto tra ecocardiogramma e misura dello stroke volume con impedenziometria trans-toracica"** - 6° Congresso Nazionale AIAC, Cernobbio, 2006. Abstract: *G. Ital. Aritm. Cardiostimol.*, 2006.
- Fusé S, Pedretti S, Rovaris G, De Ceglia S, Vincenti A - **"Lo slope QT/RR per stratificare il rischio di aritmie ventricolari in pazienti portatori di defibrillatore con indicazione tipo MADIT 2"** - 6° Congresso Nazionale AIAC, Cernobbio, 2006. Abstract: *G. Ital. Aritm. Cardiostimol.*, 2006.



- Vincenti A, Pedretti S, Brambilla R, Iaccarino L, De Ceglia S - "Incidenza di interventi appropriati del defibrillatore in pazienti tipo MADIT II. Esperienza di un singolo centro" - Ital Heart J., 2005; 6 (Suppl. 4): 121S.
- Pedretti S, Brambilla R, De Ceglia S, Vincenti A - "Variabilità della Frequenza Cardiaca nel periodo precedente l'Innesco della Fibrillazione Atriale Parossistica (FAP)" - Ital Heart J., 2003; 4 (Suppl.1):118S.
- Pedretti S, Brambilla R, Cirò A, De Ceglia S, Vincenti A - "Supraventricular ectopic beats triggering and not triggering paroxysmal atrial fibrillation". Ital Heart Journal, 2003.
- Vincenti A, Pedretti S, Brambilla R, Cirò A, De Ceglia S - "Heart rate variability before paroxysmal atrial fibrillation onset" - Ital Heart Journal, 2003.
- "Distribuzione circadiana degli episodi di fibrillazione atriale parossistica (FAP) registrati durante monitoraggio Holter"; (Abstract: Ital Heart J. Suppl. May 2002).

## BOOKS

- 5 clinical cases published in: Heidbuchel H, Duytschaever M, Burri H: "The EHRA Book of Interventional Electrophysiology". Oxford University Press, 2017.
- Book chapter: "Malfunzionamenti e loro gestione"; in: Santini L, Santini M: "Defibrillatore Automatico Impiantabile". Minerva Medica, 2016.
- Book chapters: "Aritmie ventricolari"; "Aritmie sopraventricolari"; "Bradiaritmie"; in: Savonitto S: "Manuale di Terapia Cardiovascolare", 4° ed. - Il Pensiero Scientifico Editore, 2015.
- Book chapters: "Aritmie ventricolari"; "Aritmie ipocinetiche e Sincope" in: Savonitto S: "Manuale di Terapia Cardiovascolare", 3° ed. - Il Pensiero Scientifico Editore, 2010.
- Book chapter: "Noninvasive Sudden Death Risk Stratification: Heart Rate Variability and Turbulence, and QT dinamicity" in: Gulizia M. - "Current News in Cardiology 2007" - Springer.

## CONFERENCE SPEECHES

- 3 international conferences
- 16 national conferences

## EDUCATIONAL ACTIVITY

- Supervisor of 3 Cardiology Post-graduation Theses
- Supervisor of 3 conclusive dissertations at II Level Master in Electrophysiology
- Post-graduation in Cardiology Course lectures
- Scientific director of residential CME program in electrophysiology at Niguarda Hospital for year 2017
- Theoretical and practical training in sponsored courses on CRT therapy and MRI conditional devices

## OTHER COMPETENCE

MAIN LANGUAGE	ITALIAN
SECOND LANGUAGE	ENGLISH (EXCELLENT)
INTERPERSONAL AND ORGANIZATIONAL	<ul style="list-style-type: none"> <li>• Team building</li> <li>• Motivation and involvement of different professional figures into innovative procedures, research and technological innovations</li> <li>• Theoretical and practical tutoring</li> </ul>
TECHNICAL	<ul style="list-style-type: none"> <li>• Microsoft Excel, Word, Access.</li> <li>• Working in Mac OS environment.</li> </ul>
HOBBY	<ul style="list-style-type: none"> <li>• Guitar, Bass</li> <li>• Painting and Drawing</li> </ul>

San Fermo della Battaglia, 11/08/2020

StefanoPedretti

