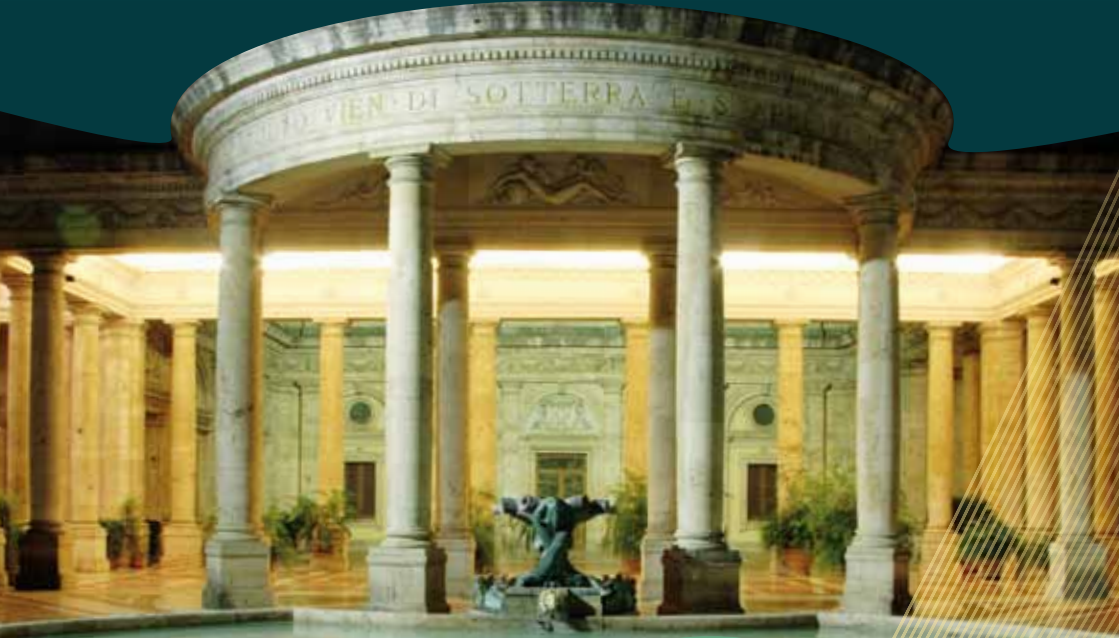




ADRIATIC VASCULAR  
ULTRASOUND SOCIETY

# 7th AVUS MEETING AND POST-GRADUATE COURSE IN ULTRASOUND TECHNIQUES



**September 23-25, 2010**  
**Montecatini Terme**

*Meeting President*  
*Sergio Castellani*

**The course has been accredited as EUROSON SCHOOL event**



## 7th AVUS MEETING AND POST-GRADUATE COURSE IN ULTRASOUND TECHNIQUES

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*The 2010 AVUS Meeting will encompass a one day seminar (7th Congress of the Adriatic Vascular Ultrasound Society) and a two-day advanced course in vascular ultrasound techniques.*

*Throughout the course, a vast array of outstanding clinicians, renowned scientists and expert investigators will provide participants the opportunity to receive a renewed insight in the “hottest” topics of vascular medicine. In addition, participants will discover the potential improvements in the field resulting from the latest innovative developments in the area of therapeutic agents.*

*This program has been conceived with a methodological, clinical and multidisciplinary approach to vascular diseases. Therefore, the meeting mainly caters to specialists in Internal Medicine, Cardiovascular Diseases, Angiology, Geriatrics, Emergency Medicine, Neurology and Vascular Surgery who are interested in continuing their knowledge in and learning about ultrasound diagnostic procedures and their clinical use in the various medical settings of vascular medicine.*

*The event has been organized under the auspices of SINV (the Italian Interdisciplinary Neurovascular Society), of FIC (the Italian Federation of Cardiology) and SICVE (the Italian Society of Vascular Surgery). In addition it has been endorsed by JUREI (the Jefferson Ultrasound Institute of Education and Research) and by EFSUMB (the European Federation of the Societies for Ultrasound in Medicine and Biology); the advanced course in ultrasound techniques has been formally recognized as Euroson School.*

*The first part of the course will be dedicated to the basic principles of diagnostic ultrasound techniques and Doppler. The remaining sections of the course will describe the standard techniques commonly adopted to examine the different vascular compartments and will provide a practical explanation of their application by show-case demonstrations and several hands-on sessions. The practical portion of the course will enable all participants to train directly under the instruction of expert investigators.*

*The 2010 AVUS Meeting and training course has been conceived and promoted by the board of directors of AVUS, a scientific society founded in 2004 by Sergio Castellani, Boris Brkljacic and Sasa Rainer, hailing from Italy, Slovenia and Croatia, respectively, following their training at the Thomas Jefferson University, located in Philadelphia, and after becoming directors of the respective European JUREI affiliate Centers. I would like to take the opportunity to thank all members of the scientific committee for their valuable advice in preparing the program and for the careful selection of speakers that has ensured the highest quality of lectures that we are able to share with you.*

**Sergio Castellani**  
President of the Meeting



**MEETING PRESIDENT**

*Sergio Castellani*

**PROGRAM DIRECTORS**

*Boris Brkljacic  
Sergio Castellani  
Sasa Rainer*

**SCIENTIFIC COMMITTEE**

*Claudio Allegra  
Giuseppe Maria Andreozzi  
Gian Franco Gensini  
Giovanni Malferrari  
Carlo Pratesi*



**September 23**

**Registration: 7:45 - 8.00**

- 8.00 **Welcome Ceremony and Opening Lecture Introduction:**  
*G.Bellandi, B. Brkljacic, S. Castellani, S. Rainer*
- 8.15 - 8.35 **OPENING LECTURE:**  
**Cardiovascular risk stratification: potential role of genetic markers**  
*R. Abbate*
- SESSION I** *Chairpersons: B. Brkljacic, C. Allegra*

**First section: ARTERIAL DISEASES**

- 8.35 **Cardiovascular risk stratification: any role for ABI measurement?**  
*P. L. Antignani*
- 8.50 **Early atherosclerosis detection: methods and clinical applications: from IMT to arterial stiffness measurement**  
*P.J. Touboul*
- 9.05 **Endothelial dysfunction: US evaluation and clinical utility**  
*P. Poredos*
- 9.20 **Too many new risk factors in CV risk stratification?**  
*A. Bignamini*
- 9.35 **Recent developments in chronic coronary heart disease treatment**  
*S. Iliceto*
- 9.50 **What news in the Physical Training for Claudicant Patients**  
*G. M. Andreozzi*
- 10.05 **Main applications of rehabilitation medicine in vascular disease**  
*F. Giuntoli  
M. Bulckaen*
- 10.20 **Pharmacological treatment of PAOD**  
*E. Melillo*
- 10.30 **The conservative treatment of CLI: when, why, how**  
*R. Martini*
- 10.50 **Critical limb ischemia: potential role of stem cell administration**  
*E. Maggi*
- 11.05 - 11.20 *Coffee break*



- 11.20 **What is new in antiplatelet treatment?** D. Prisco
- 11.35 **Recent advances in the treatment of CAD:  
which role for ranolazine?** G.A. Lanza
- 11.50 **Angiotensin inhibitors, inflammation and plaque activity** R. Abbate
- 12.05 **Carotid plaque neovascularisation:  
why do we need to study it?** S. Castellani

**Second Section: VENOUS DISEASES**

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- 12.20 **The role of biotechnologies in the treatment  
of inveterate chronic aching venous ulcers:  
skin auto-transplant procedures** D. De Anna
- 12.35 **VTE disease** G. Palareti
- 12.50 **Current progress in antithrombotic therapy:  
direct thrombin inhibitors and anti Xa factor agents** M. Silingardi

**Third Section: DISEASES OF THE AORTA AND OF THE RENAL ARTERIES**

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- 13.05 **Aortic aneurism: a focal dilatation or a systemic disease?** G. Pepe
- 13.20 **Thoracic aorta aneurism and dissections:  
treatment indications and surgical management** P.L. Stefano
- 13.35 **Hypertension and renal atherosclerotic disease** L. Sechi
- 13.50 – 14:45 *Lunch*



**SESSION II: INTERVENTIONAL VASCULAR PROCEDURES**

*Chairpersons: A. Balbarini , L. Cambj Sapunar*

- 14.45      **Endovascular treatment of acute stroke**      *S. Mangiafico*
- 15.00      **Interventional procedures in MAV**      *L. Ciceri*
- 15.15      **Interventional procedures in cerebral aneurisms**      *I. Kocijancic*
- 15.30      **Endovascular treatment of large internal iliac artery aneurysms with guidewires**      *L. Cambj Sapunar*
- 15.45      **Interventional procedures in the stenoses of the renal arteries**      *G. Santoro*
- 16.00      **Treatment of SFA in-stent restenosis**      *L. Cambj Sapunar*
- 16.15 - 16.45 *Coffee break*

**SESSION III: VASCULAR SURGERY**

*Chairpersons: C. Pratesi, C. Setacci*

- 16.45      **Early carotid TEA after stroke**      *C. Pratesi*
- 17.00      **Carotid artery: surgery vs endovascular treatment**      *C. Setacci*
- 17.15      **Ultrasound evaluation and surveillance after carotid TEA and stenting**      *S. Matticari*
- 17.30      **AAA surgery vs endovascular treatment**      *M. Ferrari*
- 17.45      **US technique: diagnostic and follow up application**      *S. Michelagnoli*
- 18.00      **PAOD: surgery vs endovascular treatment**      *A. Stella*
- 18.15      **US technique: diagnostic and follow up applications**      *M. Gargiulo*
- 18.30-18.45      **Discussion**



**September 24**

8.15-8.30 **ULTRASOUND COURSE OPENING AND INTRODUCTION**  
*Chairpersons: B. Brkljacic, S. Rainer*

8.30 **Course Opening Lecture:**  
***Intravenous US contrast agents for the diagnosis and  
characterization of bowel inflammatory diseases*** *O.H. Gilja*

**SESSION I: BASIC TRAINING IN ULTRASOUND TECHNIQUES**

9.00 ***US techniques: Physical principles*** *B. Breyer*

9.15 ***Knobology*** *S. Rainer*

9.30 ***Hemodynamic Doppler evaluation*** *C. Deane*

9.45 ***Basic arterial ultrasound examination:  
practical demonstration*** *F. Accorsi*

10.00 ***Basic venous ultrasound examination:  
practical demonstration*** *D. Gaitini*

**SESSION II: CEREBROVASCULAR ULTRASOUND**

*Chairpersons: G. Meneghetti, S. Castellani*

10.15 ***Carotid and vertebral arteries: normal and  
pathological findings with virtual showcase reports*** *S. Castellani*

10.30 ***Carotid and vertebral dissection  
with virtual showcase reports*** *F. Accorsi*

10.45 ***Cerebral arteries: normal and pathological findings  
in obstructive diseases with virtual showcase reports*** *N. Carraro*

11.00-11.15 *Coffee break*



11.15	<b><i>US investigation of the ophthalmic artery and intracranial collateral pathways: how, when and why?</i></b>	V. Inchingolo
11.30	<b><i>TCCD in stroke patients</i></b>	G. Malferrari
11.45	<b><i>Brain parenchyma TCCD applications</i></b>	M. I. Zedde
12.00	<b><i>Ultrasound contrast agents in cerebrovascular diseases: from diagnostic to therapeutic applications</i></b>	R. Sztajzel
12. 15-14.30	<b><i>Hands-on session</i></b>	
	<b><i>Carotid and vertebral arteries</i></b>	F. Accorsi S. Castellani
	<b><i>Cerebral arteries and veins</i></b>	G. Malferrari M.I. Zedde
14.30-15.00	<i>Lunch</i>	

### SESSION III: ULTRASOUND IN VENOUS DISEASES

*Chairpersons: G. Panigada, A. Pieri*

15.00	<b><i>Ultrasound techniques, anatomical findings in normal veins of the lower limbs</i></b>	S. Rainer
15.15	<b><i>US evaluation of venous insufficiency</i></b>	C. Deane
15.30	<b><i>US diagnostic criteria of deep vein thrombosis of the lower limbs: video case demonstrations</i></b>	B. Brkljacic
15.45	<b><i>US diagnostic criteria and video case demonstrations of deep vein thrombosis of the upper limbs with virtual show case report</i></b>	D. Gaitini
16.00	<b><i>Nonvascular pathology encountered during venous sonography</i></b>	B. Brkljacic
16.15-16.30	<i>Coffee Break</i>	
16.30-18.30	<b><i>Hands-on session</i></b>	C. Deane D Gaitini S. Rainer



**September 25**

**SESSION I: ULTRASOUND IN PERIPHERAL ARTERIES DISEASES**

*Chairpersons: , G. C. Landini, G. Pettinà*

- 8.30 ***US evaluation of patients with PAOD:  
from ABI to Duplex Scanning*** *B. Brkljacic*
- 8.50 ***Upper limbs arterial investigation  
in hemodialysis patients*** *C. Deane*
- 9.15 ***CD US evaluation of thyroid nodules vascularization*** *I. Cikara*
- 9.30 ***Erectile dysfunction:  
US evaluation and CV risks assessment*** *P. Paulica*
- 9.45 ***US scrotum evaluation*** *M. Bertolotto*
- 10.00-10.15 *Coffee break*

**SESSION II: ULTRASOUND IN ABDOMINAL ARTERY DISEASES**

*Chairpersons: D. Rigbi, F. Drudi*

- 10.15 ***Ultrasound techniques and normal anatomical  
findings of abdominal aorta and mesenteric vessels*** *V. Napoli*
- 10.30 ***US diagnostic criteria and virtual showcase reports  
of abdominal aorta and splancic vessels atherosclerotic  
diseases*** *V. Napoli*
- 10.45 ***US diagnostic criteria of Abdominal Aortic Aneurism  
diagnosis and follow up*** *S. Michelagnoli*
- 11.00 ***Ultrasound in renal artery stenosis*** *S. Castellani*
- 11.15 ***Micro and macrovascular investigation using CEUS*** *F. Drudi*
- 11.30 ***Ultrasound contrast agents and parenchymal perfusion:  
clinical applications*** *E. Quaia*
- 11.45-13.45 ***Hands-on session*** *V. Napoli, F Drudi*



## GENERAL INFORMATION

### CONGRESS VENUE:

Vittoria Centro Congressi, Viale Baccelli 2, 51016 Montecatini Terme (PT)  
Phone: +39 0572 913388 - Fax: +39 0572 913250 - email: vittoria@vittoriacongressi.it

### CONGRESS SECRETARIAT:

Congress & Meeting Service srl, Viale Baccelli 2, 51016 Montecatini Terme (PT)  
Ph. +39 0572 913388 - Fax: +39 0572 913250 - email: vittoria@vittoriacongressi.it

### REGISTRATION FEE

#### DOCTORS:

Congress on September,23 (1 day):	€ 120,00 included VAT
Post-graduate Course September 24-25 (2 days)	€ 180,00 included VAT
Congress + Course September 23-24-25 (3 days)	€ 270,00 included VAT

#### RESIDENTS:

Congress on September,23 (1 day):	€ 90,00 included VAT
Post-graduate Course September 24-25 (2 days)	€ 120,00 included VAT
Congress + Course September 23-24-25 (3 days)	€ 180,00 included VAT

#### The registration fee includes:

- Admission to all scientific sessions
- Access to the exhibition area
- Badge and congress documents
- Certificate of Attendance
- Coffee breaks
- Lunches

The registration form should be sent to the Congress Secretariat within September 18, 2010  
on line registration: [www.vittoriacongressi.it/adriaticvascularultrasoundsociety.html](http://www.vittoriacongressi.it/adriaticvascularultrasoundsociety.html)

#### REGISTRATION FEE PAYMENT:

- By bank transfer to

CONGRESS & MEETING SERVICE Srl : IBAN: IT 64 V 06260 70461 000322817 C00 - SWITCH CODE: CRFI IT 3P  
The registration fee must be free of every charges or banking commission, specify participant's name and "Avus Meeting" as reason of payment.

- By credit card (only VISA & MASTERCARD). You need to send a fax with the credit card number, expire date and your signature ad authorization to charge the registration fee.  
No confirmation will be sent until receipt of payment.

#### REFUNDS AND CANCELLATIONS:

All cancellations must be sent to Congress & Meeting Service in writing (fax – email)  
For cancellation prior to September 15, fee will be refunded less 50%  
After this date, no refund is possible. All refunds will be paid 30 days after the Congress

#### CME CREDITS:

The Congress has applied for Italian CME accreditation. **The Course has been accredited as EUROSON SCHOOL Event** and it has applied for Italian CME accreditation.



## **LANGUAGE:**

*The official language of the Congress will be English.*

## **BADGE:**

*Name badge must be worn visibly all times during the Congress and in the catering area.*

## **CERTIFICATE OF ATTENDANCE:**

*Will be available to each registered participant at the end of the Congress*

## **WELCOME RECEIPTON (Optional)**


*The Welcome Reception will take place on September 23 at 20:00 hours.*

*The price is € 30,00 per person, included taxes*


*The participants have to book it on the registration form and to pay it within September 18 by wire transfer or credit card as indicated for the registration fee*

## **HOTEL ACCOMMODATION & RESERVATION:**

*Reservations can be made to the Congress Secretariat*

 *by phone: + 39 0572 913388*

 *by mail: [vittoria@vittoriacongressi.it](mailto:vittoria@vittoriacongressi.it)*

 *by fax: + 39 0572 913250*

*All Hotels are very close to the Congress Venue. Reservations must be received by September 18.*

*Deposits to guarantee the first night's reservation will be required.*

*Participants will be notified of their hotel assignment by the Congress Secretariat*

## **SPECIALLY RATES FOR CONGRESS PARTICIPANTS**

### **4 stars deluxe Hotels - Bed & Breakfast included taxes**

Double room as single use € 75,00

Double room € 110,00

### **4 stars Hotels - Bed & Breakfast included taxes**

Double room as single use € 65,00

Double room € 95,00

### **3 stars Hotels - Bed & Breakfast included taxes**

Double room as single use € 50,00

Double room € 60,00

## **INVITATION LETTER**

*Individuals requiring an official letter of invitation in order to obtain a Visa and authorization to attend the Congress should contact the Congress Secretariat by email to: [vittoria@vittoriacongressi.it](mailto:vittoria@vittoriacongressi.it).*

*Invitation letters will only be issued once the registration payment has been received.*

## **INSURANCE**

*We recommend that you take out insurance to cover medical and travel expenses.*

*The congress fee does not include insurance.*

# Registration form

**FAMILY NAME** \_\_\_\_\_

**FIRST NAME** \_\_\_\_\_

**INSTITUTION/DEPARTMENT** \_\_\_\_\_

**MAILING ADDRESS**       *private address*       *institute address*

**Street** \_\_\_\_\_

**Postal code, City** \_\_\_\_\_

**Country** \_\_\_\_\_

**Phone** \_\_\_\_\_

**Fax** \_\_\_\_\_

**Email** \_\_\_\_\_

## Registration Fee

	Congress September 23	Course September 24,25	Congress + Course
Doctors	<input type="radio"/> € 120,00 included VAT	<input type="radio"/> € 180,00 included VAT	<input type="radio"/> € 270,00 included VAT
Residents	<input type="radio"/> € 90,00 included VAT	<input type="radio"/> € 120,00 included VAT	<input type="radio"/> € 180,00 included VAT

## Welcome Reception

N. Person:      x € 30,00 per person included VAT      Total \_\_\_\_\_

## Hotel Reservation

Hotel Class	<input type="radio"/> 4 stars deluxe Hotel	<input type="radio"/> 4 stars Hotel	<input type="radio"/> 3 stars Hotel
Accommodation	<input type="radio"/> Double room as single use	<input type="radio"/> Double room	<input type="radio"/> Other

Arrival Date \_\_\_\_\_ Departure Date \_\_\_\_\_

Deposit to guarantee the first night's reservation will be required

## Payment

Total amount to be paid: \_\_\_\_\_ €

I have transferred the amount (free of any bank charges) of euro \_\_\_\_\_  
on (date) \_\_\_\_\_ to your Bank.

Congress & Meeting Service srl - Cassa di Risparmio di Pistoia e Pescia - Agenzia Montecatini Terme

IBAN: IT 64 V 06260 70461 000 322817 C00 - SWITCH CODE: CRFI IT 3P

or

I use the following credit card:      VISA       MASTERCARD/EUROCARD

Name as indicated on the card \_\_\_\_\_

Card number \_\_\_\_\_

Security number \_\_\_\_\_ (see the back of your credit card)

Expire date \_\_\_\_\_

I am the authorized user of this credit card and I authorize the Congress & Meeting Service srl to charge the credit card account in the amount indicated above.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Reservation by credit card is NOT possible without signature. Please NOTE free cancellation/modification until 3 days prior to arrival. The room bill have to be settled upon check out

Invoice would be issued to the name indicated above, for any other heading please fill out the blank space

\_\_\_\_\_

\_\_\_\_\_

## PRIVACY INFORMATION

Your name and address as given by you will be used on the list of participants produced for the conference

The organization holding personal information is Congress & Meeting Service Srl. We inform you that your personal information will be collect in accordance to privacy legislation for Italy as required by law (art. 13, D.Lgs. 30 June 2003, n. 196).