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## ISNVD 2015 Annual Meeting Naples, Italy

*International Society for  
Neurovascular Disease*

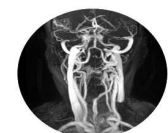


Beautiful, historic, Naples, Italy

### **Registration Information:**

*For ISNVD Convention:*  
Web site: [www.isnvd.org](http://www.isnvd.org)  
Email: [info@isnvd.org](mailto:info@isnvd.org)  
Phone: 1-716-859-3579

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Fri, March 27th:

**Ultrasound course** (on payment of 150 euros):  
"Echo-color Doppler of the Extra and Intracranial Vessels"

**Chairs: Dr. Paolo Zamboni & Dr. Adriana Visonà**

- 9:00 AM—9:20AM:**      **Extracranial arteries—**  
Maria Amitrano, M.D.  
AORN Moscati Avellino  
Executive Director of the Section of  
Angiology  
Avellino, Italy
- 9:20 AM—9:40AM:**      **Vulnerable plaque—**  
Maria Fabrizia Giannoni, M.D.  
University of Rome La Sapienza,  
Department of General & Surgical Surgery  
Rome, Italy
- 9:40 AM—10:00AM:**      **Intracranial arteries—**  
Maria Luisa Zedde, M.D.  
Neurology Unit;  
Department of Neuromotor Physiology  
ASMN—Reggio Emilia  
Italy
- 10:00 AM—10:20AM:**      **Cerebrovascular Reactivity—**  
Mauro Silvestrini, M.D.  
University Hospital, United Hospitals of Ancona  
Dept. of Experimental and Clinical Medicine,  
Section of Neuroscience Clinics
- 10:20 AM—10:40AM:**      **Discussion**  
**10:40 AM—11:00 AM:**      **Break**
- 11:00 AM—11:20 AM:**      **Extracranial Veins—**  
Erica Menegatti, Ph.D.  
Vascular Disease Center  
University of Ferrara  
Italy
- 11:20 AM—11:40 AM:**      **Intracranial Veins—**  
Marcello Mancini, M.D.  
Institute of Biostructures and Bioimaging—CNR  
Naples, Italy
- 11:40 AM—12:00 PM:**      **Cerebral parenchymal ultrasonography—**  
Sandro Sanguigni, M.D.  
U.O. Neurology Hospital Madonna del  
Soccorso San Benedetto del Tronto (AP)  
Italy
- 12:00 PM—12:20 PM:**      **Discussion**  
**12:20 PM—2:00 PM:**      **Lunch**
- 2:00 PM—5:00 PM:**      **Practical Session**

# ISNVD 2015 Highlights

The ISNVD's 5<sup>th</sup> Annual Meeting will be held March 27<sup>th</sup> – 28<sup>th</sup>, 2015 in Naples, Italy.

The Congress venue will be the "**Congress Centre Federico II - Partenope**" and is located on the seafront of Naples in the central historic area, panoramic and close to the best hotels in town.

The ISNVD has created an exciting program that will attract Researchers and Clinicians from all over the world. The ISNVD convention program includes four scientific sessions on selected topics and two additional courses are offered which will include Ultrasound and MRI. All of the Speakers were selected carefully and represent key opinion leaders in their fields. The Keynote Speaker will be Dr. Mat Daemen from The University of Amsterdam. He will speak on "**The Heart-brain Axis: An Overlooked Cause of Brain Aging.**"

| Friday, March 27th  |                              |                                |
|---|------------------------------|--------------------------------|
| <b>Ultrasound Course/Poster Presentation<br/>Keynote Speaker/Welcome Cocktail Reception</b> |                              |                                |
| Saturday, March 28th  |                              |                                |
| <b>ISNVD Confer-<br/>ence</b>   | <b>Platforms/<br/>Awards</b> | <b>Evening Gala<br/>Dinner</b> |

**Call for Abstracts:** [www.isnvd.org](http://www.isnvd.org)

**Abstract submission due date is January 5th, 2015.**

**Saturday, March 28<sup>th</sup> (cont'd)**

**5:20PM-5:30PM: Selected Platform 7**

**5:30PM-5:40PM: Selected Platform 8**

**5:40PM-6:00PM: Final Discussion**

- **7:00 PM**            **Buses depart for Gala dinner venue**
- **7:45 PM—8:00 PM**            **Young Investigator Award**
- **GALA program and Dinner:**  
**8:00 PM—10:00 PM -**            **Complesso Monumentale San Lorenzo Maggiore**  
**Sala Sisto V**

**Sunday, March 29<sup>th</sup>**

- **Brunch with The Schumachers**

**Friday, March 27<sup>th</sup> (cont'd)**

- **Poster session:**  
**5:00PM—6:30 PM**            **Chairs: Dr. Enrico Tedeschi, Dr. Hector Ferral**
- **Key-note lecture:**  
**6:30 PM—7:30 PM:**            **“The Heart-brain Axis: An Overlooked Cause of Brain Aging.”**  
**Professor Mat Daemen,**  
**University of Amsterdam, The Netherlands**
- **Welcome Reception:**  
**7:30 PM—9:30 PM:**            **Centro Congressi Federico II—Partenope**

**Saturday, March 28<sup>th</sup> (7:15 a.m. Board Meeting for Board Members only).**

**8:00 AM—Opening of the Congress:**  
**Opening Remarks by Dr. Ziv Haskal, ISNVD President &**  
**Dr. Marco Salvatore, President of the Convention Address**

**Session 1: Hemodynamics of the brain**  
**Chairs: Dr. Marcello Mancini & Dr. Mark E. Haacke**

**8:15AM-8:35AM – Cardiovascular risk factors and neurodegenerative disorders—**

Robert Zivadinov, M.D., Ph.D.  
State University of New York at Buffalo –  
Department of Neurology  
Buffalo, New York, USA

**8:35AM-8:55AM – Ultrasound contrast imaging of brain hemodynamic and perfusion –**

Marcello Mancini, M.D.  
Institute of Biostructure and Bioimage – CNR  
Naples, Italy

**8:55AM-9:15AM – TBI and hemodynamic changes in the brain**

James Stone, M.D., Ph.D.  
University of Virginia,  
Department of Interventional Radiology  
Charlottesville, Virginia, USA

**9:15AM-9:35AM – Imaging of the microvasculature –**

Mark E. Haacke, Ph.D.  
Wayne State University,  
Department of Biomedical Engineering  
Detroit, MI USA

**9:35AM-9:55AM – Imaging of Brain Microvascular Disorders: lessons from the CADASIL model.**

Hugues Chabriat, M.D., Ph.D.  
Head, Department of Neurology  
University Hospital Lariboisiere  
Paris, France

9:55 AM—10:05 AM: **Selected Platform 1**  
10:00 AM—10:15 AM: **Selected Platform 2**  
10:15 AM—10:30 AM: **Break**

**Session 2: Quantitative flow and computational fluid modeling**  
**Chairs: Dr. Clive Beggs & Dr. Michael Dake**

- 10:30AM-10:50AM – **2D and 3D analysis of vessels in the retina and the brain –**  
Bart Romeny, Ph.D.  
Eindhoven University of Technology  
Eindhoven Area, Netherlands  
Northeastern University, Shenyang, China
- 10:50AM-11:10AM – **A novel sonographic method for reproducible jugular vein pulse wave assessment –**  
Paolo Zamboni, M.D.  
University of Ferrara  
Ferrara, Italy
- 11:10AM-11:30AM – **Blood storage within the intracranial space and its impact on cerebrospinal fluid dynamics–**  
Clive Beggs, Ph.D.  
University of Bradford  
West Yorkshire, United Kingdom
- 11:30AM-11:50AM – **Update in computational fluid modeling of the brain**  
Mauro Ursino, Ph.D.  
University of Bologna  
Bologna, Italy
- 11:50AM-12:10PM – **Fluid dynamic influences on cerebrovascular endothelial activation responses –**  
Steve Alexander, Ph.D.  
Dept. of Molecular and Cellular Physiology Louisiana State University  
Shreveport, Louisiana, USA
- 12:10 PM—12:20 PM: **Selected Platform 3**  
12:20 PM—12:30 PM: **Selected Platform 4**  
12:30 PM—1:30 PM: **Lunch and ISNVD Membership meeting**

**Session 3: Venous dysfunction and treatment strategies**  
**Chairs: Dr. Ziv Haskal & Dr. Paolo Zamboni**

- 1:30PM-1:50PM – **Venous abnormalities in Meniere disease–**  
Pietro Maria Bavera, M.D.  
University of Milan; Dept. of Vascular Surgery  
Milan, Italy
- 1:50PM-2:10PM – **Advances in idiopathic intracranial hypertension pathogenesis: focus on sinus venous stenosis -**  
Roberto De Simone, M.D.  
University Federico II of Naples, Headache Centre

- 2:10PM-2:30PM – **Advances in treatment strategies of extracranial venous disease –**  
Hector Ferral, M.D.  
Northshore University Healthcare System  
Chicago, Illinois, USA
- 2:30PM-2:50PM – **Venous dysfunction and neurodegenerative diseases –**  
Chih Ping Chung, M.D., Ph.D.  
National Yang Ming University  
Taipei Veterans General Hospital, Taiwan
- 2:50PM-3:10PM – **Clinical applications of venous treatment–**  
Michael Dake, M.D.  
Stanford University  
Stanford, California, USA
- 3:10PM-3:20PM – **Selected platform 5**  
3:20PM-3:30PM – **Selected platform 6**  
3:30PM-4:00PM – **Break**

**Session 4: Endothelial function, lymphatic system and new drug development**  
**Chairs: Dr. Robert Zivadinov & Dr. Steve Alexander**

- 4:00PM-4:20PM – **Endothelial dysfunction in neurodegenerative disease –**  
Steve Alexander, Ph.D.  
Dept. of Molecular and Cellular Physiology,  
Louisiana State University,  
Shreveport, Louisiana, USA
- 4:20PM-4:40PM - **Is there a role for mast cells dependent synthesis of Endothelin 1 in neurodegenerative diseases? –**  
Pedro D'Orleans-Juste, Ph.D.  
University of Sherbrooke,  
Department of Pharmacology  
Quebec, Canada
- 4:40PM-5:00PM – **Endothelin-1 as a potential target for chronic brain hypoperfusion –**  
Jacques De Keyser, Ph.D.  
University of Brussels,  
Department of Neurology  
Brussels, Belgium
- 5:00PM-5:20PM – **Structural changes in extra-CNS blood vessels in neurodegeneration –**  
Marie-Luce Bochaton-Piallat, Ph.D.  
University of Geneva,  
Dept. of Pathology and Immunology