



15<sup>th</sup> Congress of the World Federation of  
Interventional and Therapeutic Neuroradiology

Program of Symposium for Nurses, Technicians and Radiographers  
in cooperation with ESMINT

October 21-24, 2019  
Naples, Italy

Congress Program (preliminary)

[www.wfitn2019.com](http://www.wfitn2019.com) / [info@wfitn2019.com](mailto:info@wfitn2019.com)

## **Past WFITN Meetings**

1991 Zurich - Anton Valavanis  
1993 Vancouver - Karel terBrugge  
1995 Kyoto - Waro Taki  
1997 New York - Alejandro Berenstein  
1999 Algarve - Jorge Campos  
2001 Seoul - In Sup Choi  
2003 Recife - Ronie Leo Piske  
2005 Venice - Marco Leonardi  
2007 Beijing - Ling Feng  
2009 Montreal - Jean Raymond and Daniel Roy  
2011 Capetown - Allan Taylor and David Lefevre  
2013 Buenos Aires - Pedro Lylyk and Luis Lemme Plaghos  
2015 Gold Coast - Winston Chong, Hal Rice and Laetitia de Villiers  
2017 Budapest - István Szikora and Zsolt Kulcsár  
2019 Naples - Alessandra Biondi and Mario Muto

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Allan Taylor - Vice President  
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Patrick Brouwer - Member at Large  
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Laurent Spelle - Member at Large  
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Hongqi Zhang - Member at Large


## **WFITN Secretariat**


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World Federation of Interventional and Therapeutic Neuroradiology  
WFITN 15<sup>th</sup> Meeting Naples, 2019

Alessandra Biondi & Mario Muto   
Presidents of the Congress

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Pedro Lylyk - Argentina  
Makoto Negoro - Japan  
Sirintara Pongpech - Thailand  
George Rodesch - France  
Istvan Szikora - Hungary

**2<sup>nd</sup> meeting - Women in Neuro-Interventional Practice**

Ronit Agid - Canada, President  
Moderators - Isil Saatchi, Turkey - Jeyaledchumy Mahadevan, Malaysia

**Symposium for Nurses, Technicians and Radiographers**

## 08.15-09.50 - Auditorium Plenary session 1: Imaging in Stroke

Chairperson

Moderators

08.15-08.30 Pre-thrombectomy Imaging: Ultrasound Helmet, CT, MRI

08.30-08.45 Pre-thrombectomy Imaging: The value of Perfusion and Collateral Imaging

08.45-08.55 Pre-thrombectomy Imaging: straight to Angio-Suite?

08.55-09.05 Vessel Wall Imaging in Stroke: Is there a role?

09.05-09.20 What does the neurologist expect from imaging in patients with a TIA?

09.20-09.30 Artificial Intelligence in stroke care

09.30-09.50 *Discussion*

## 09.50-10.00 Opening Ceremony of the 15<sup>th</sup> WFITN Congress

10.00-10.30 *Coffee Break - Exhibition Hall*

## 10.30-12.00 Auditorium -Plenary session2: Endovascular treatment in Stroke

Chairperson

Moderators

10.30-10.45 Overview of Recent Trials and Techniques: *aspiration vs stent or both?*

10.45-10.55 Which patients should not be treated?

10.55-11.05 Posterior Circulation Stroke: where are we?

11.05-11.15 Distal Vessel Occlusion Treatments: when and how?

11.15-11.25 Treatment of Tandem Lesions in acute Stroke

11.25-11.40 Results of clot composition research and the impact of histological clot composition in embolic stroke

11.40-12.00 *Discussion*

## 12.00-13.00 Industry Symposia - Parallel Seminars

13.00-14.00 *Lunch*

## **14.00-16.00 Auditorium Main Session (Parallel scientific session)**

### **Topic 1: Radioprotection**

**Chairperson**

**Moderators**

**14.00-14.12** General Electric: Dose Reduction System in our Angio-Suite

**14.12-14.24** Philips: Dose Reduction System in our Angio-Suite

**14.24-14.36** Siemens: Dose Reduction System in our Angio-Suite

**14.36-14.48** Toshiba - Canon: Dose Reduction System in our Angio-Suite

**14.48-15.00** *Discussion*

**Chairperson**

**Moderators**

**15.00-15.15** The real radiation risk for the neuro-interventionist and for the patient in INR procedures

**15.15-15.30** How to be best protected against radiations for the neuro-interventionist

**15.30-15.45** How to manage a radiation complication in a patient after an INR procedure?

**15.45-16.00** *Discussion*

## **14.00-16.00 Oral papers (parallel sessions: A, B)**

**Moderators**

## **16.00-16.30 Coffee Break - Exhibition Hall**

## **16.30-18.30 - Oral papers (parallel sessions: C, D, E, F, G, H)**

**Moderators**

## **19.00 - 21.00 Welcome Reception**

## 08.00-10.00 Auditorium-Plenary session 3: Intracranial AVMs & Dural AVFs

Chairperson

Moderators

08.00-08.15 Prediction of AVM rupture by biology and vessel wall imaging

08.15-08.30 Un-ruptured AVMs management: is there anything new under the sun?

08.30-08.45 Update on the venous approach for the treatment of AVMs

08.45-09.00 *Discussion*

Chairperson

Moderators

09.00-09.15 Update on the surgical treatment of Dural AVFs

09.15-09.30 Update on the endovascular treatment of Dural AVFs

09.30-09.45 Novel approaches for the treatment of cavernous sinus dural AVFs

09.45-10.00 *Discussion*

## 08.00-10.00 Room 7S: Symposium for Angiosuite Personnel: Nurses and Technicians In cooperation with ESMINT - Plenary session A

10.00 -10.30 *Coffee Break - Exhibition Hall*

## 10.30-11.30 Auditorium-Plenary session 4: Psychological and Behavioral aspects in INR

Chairperson

Moderators

10.30-10.45 I had a major complication: how to manage the patient, its family and myself? What is it good to say and to do and what is it not?

10.45-11.00 Health Care Policy Update: Burn Out of the Neuro-Interventional Specialist

11.00-11.15 How improve the Work Life Balance

11.15-11.30 *Discussion*

**11.30-13.00 Auditorium: 2<sup>nd</sup> meeting - Women in Neuro-Interventional Practice (including Angiosuite Personnel)**

**Chairperson**

**Moderators**

11.30-11.35 Opening remarks

11.35 -11.45 Survey Results

... *in progress*

**10.30-11.30 Room 7S: Symposium for Angiosuite Personnel: Nurses and Technicians  
In cooperation with ESMINT - Plenary session B**

**13.00 -14.00 Lunch**

**14.00-16.30 Auditorium Main Session (Parallel scientific session)**

**Topic 2: Spine**

**Chairperson**

**Moderators**

14.00-14.15 Physiopathology of spine pain.

14.15-14.30 Spine metastasis: role of percutaneous treatment

14.30-14.45 Mini-invasive approaches to primary spine tumors

14.45-15.00 Osteoporosis and percutaneous management

15.00-15.15 Mini-invasive approaches to spine trauma

15.15-15.30 Disk and facets treatment

15.30-15.45 How do I manage spontaneous IC hypotension?

15.45-16.00 Percutaneous treatment of spinal stenosis

16.00-16.15 Do we need more EBM in spine intervention?

16.15 -16.30 *Discussion*

**14.00-16.30 Room 7S (Main Session (Parallel scientific session))**

**Topic 3: Pediatric Vascular Pathology**

**Chairperson**

**Moderators**

**14.00-14.15** Pediatric cerebral AVMs: congenital or acquired lesions?

**14.15-14.30** Pediatric Intracranial AV shunts: genetic and hemodynamic interactions in pathogenesis and evolution

**14.30-14.45** Complications in pediatric INR AVM management

**14.45-15.00** New insights on the endovascular treatment of Vein of Galen Malformations

**15.00-15.15** *Discussion*

**Chairperson**

**Moderators**

**15.15-15.30** Flow Diversion Stenting in pediatric population

**15.30-15.45** Pediatric dissection and dissecting aneurysm

**15.45-16.00** Pathogenesis and clinical aspects in Pediatric/Young Stroke

**16.00-16.15** Pediatric stroke: medical or interventional treatment?

**16.15-16.30** *Discussion*

**14.00-16.30 Oral papers (parallel session: I)**

**Moderators**

**16.30-17.00 Coffee Break - Exhibition Hall**

**17.00-18.00 General Assembly**



## 08.00-09.30 Auditorium-Plenary session 5: Spinal AVMs & Dural AVFs

Chairperson

Moderators

08.00-08.10 Less invasive localizing diagnosis of spinal DAVF using CTA and MRA: is angiography still necessary as a first step tool?

08.10-08.30 The debate on the technique of treatment of Spinal Dural AVFs

- Almost all must be treated by embolization

- Almost all must be treated by surgery

08.30-08.45 Particles embolization is often the best technique for medullary AVMs

08.45-09.00 NBCA glue versus DMSO solved non-adhesive embolic agents in the embolization of Medullary AVMs and Peri-Medullary AVFs

09.00-09.15 Paravertebral and Osteo-dural Shunts

09.15-09.30 *Discussion*

## 09.30-10.00 The Pierre Lasjaunias Memorial Lecture

*High-resolution intravascular imaging in neurointervention*

Matthew Gounis, USA

08.00-10.00 *Room 7S: Symposium for Angiosuite Personnel: Nurses and Technicians*  
In cooperation with ESMINT - Plenary session C

*10.00-10.30 Coffee Break - Exhibition Hall*

## 10.30-11.30 Auditorium-Plenary session 6: Intracranial and ICA Stenosis

Chairperson

Moderators

10.30-10.45 Management of Atherosclerotic and Dissecting Intracranial stenosis

10.45-11.00 Results of endovascular techniques in the treatment of Internal Carotid Artery Disease

11.00-11.15 Surgical management of Moya-Moya and Moya-Moya like stenosis

11.15-11.30 *Discussion*

## **11.30-13.00 Auditorium-Plenary session7: From Bench to Bed - Research and Development**

**Chairperson**

**Moderators**

**11.30-11.45** Braiding technology for aneurysm treatment devices

**11.45-12.00** Myth or Reality in reduced thrombogenicity surface modification of new devices: do clinical results confirm laboratory data?

**12.00-12.15** Are simulation, animal and flow models useful in the treatment of intracranial aneurysms?

**12.15-12.30** Selective brain cooling in acute ischemic stroke

**12.30-12.45** Neuro-Oncology: MR-guided intra-arterial treatments

**12.45-13.00** *Discussion*

**10.30-13.00 Room 7S: Symposium for Angiosuite Personnel: Nurses and Technicians  
In cooperation with ESMINT - Parallel session D**

**13.00-14.00 Lunch**

**14.00-15.30 Oral papers (parallel sessions: J, K L, M, N, O)**

**Moderators**

**15.30-16.00 - Auditorium- Special session: The life of a Scientific Journal**

**Chairperson**

**Moderators**

**15.30-15.40** Editor in Chief of a Scientific Journal: what does the future look like?

**15.40-15.50** How to improve the impact of a Scientific Journal

**15.50-16.00** Conclusion remarks

**16.00-16.30 Coffee Break - Exhibition Hall**

**16.30-17.30 Auditorium-Plenary session 8: Aneurysms (a)**

**Chairperson**

**Moderators**

**16.30-16.45** Is there any advance in the treatment of Giant and Fusiform Aneurysms?

**16.45-17.00** By pass technique is often very useful in Giant and Fusiform Aneurysms

**17.00-17.15** By pass technique is rarely useful in Giant and Fusiform Aneurysms

**17.15-17.30** *Discussion*

**17.30-18.45 Oral papers (parallel sessions P, Q, R, S, T, U)**

**Moderators**

## 08.00-09.00 Oral papers (*parallel sessions V, W, X, Y, Z, ω*)

Moderators

## 09.00-10.00 Auditorium-Plenary session 9: Aneurysms (b)

Chairperson

Moderators

09.00-09.15 Blood Blister Like aneurysms remain challenging lesions to treat

09.15-09.25 Treatment of very small aneurysms (not BBL)

09.25 -09.35 More accurate indication for the treatment of unruptured aneurysms: Aneurysm wall imaging

09.35 -09.45 Aneurysm wall enhancement: Fact or Fiction?

09.45-10.00 *Discussion*

## 10.00-10.10 Best Papers-Award Ceremony

## 10.10-10:30 Coffee Break - Exhibition Hall

## 10.30-12.00 Auditorium-Plenary session 10: Aneurysms (c)

Chairperson

Moderators

10.30-10.45 More than 10 years of Flow Diverter Stenting. What did we learn?

10.45-11.00 Update on the Woven EndoBridge (WEB) device

11.00-11.45 Contour, NEQSTENT and other intrasaccular Flow Disrupter Devices

11.45-12.00 Stenting and Y-stenting. Are they still useful in Diverter/Disrupter Era?

## Aneurysms (d)

Chairperson

Moderators

12.00-12.15 Pulse Rider, pCONus and other neck control devices

12.15-12.30 There is no consensus for antiaggregant drugs in INR

12.30-12.45 Is DSA the gold standard in the evaluation of angiographic results of new devices?

12.45-13.00 *Discussion*

### **13.00-14.00 Industry Lunch Symposia - Parallel Seminars**

**14.00-15.00 Auditorium-Plenary session 11:**

**How to introduce new devices? Ethical and Business considerations**

**Chairperson**

**Moderators**

14.00-14.10 The point of view of the regulatory expert

14.10-14.20 The point of view of the industry

14.20-14.30 The point of view of the interventional neuroradiologist

14.30-14.35 Flash news from Europe. CE marking: fake news or reality?

14.35-14.40 Flash news from US. FDA approval for new devices: so difficult to get?

14.40-14.45 Flash news from Elsewhere. What happens in unregulated markets?

14.45-15.00 *Discussion*

**15.00-16.00 Auditorium-Plenary session 12: The future is today:**

**New insights on Neuro-Interventional Field**

**Chairperson**

**Moderators**

15.00-15.10 Endovascular intervention for recurrent chronic subdural hematoma

15.10-15.25 High-resolution cone-beam CT in INR procedures. Advances and new indications

15.25-15.40 Neurodegenerative disease and novel drug-delivery strategies

15.40-15.45 Flash news: Something new that we did not know when this program was done

15.45-16.00 Discussion

### **16.00 Closing Ceremony**