### International Society for Neurovascular Diseases, ISNVD 9<sup>th</sup> Annual Meeting, May 30-31, 2019 Ferrara – Italy

#### AULA MAGNA – FRIDAY 31<sup>st</sup>, MAY

#### Session 4. Lunch Session "Young Investigator Award" – 12.20 - 13.25

Moderators: P. Veroux, Catania; R Zivadinov, Buffalo; Y. Ge, New York

12.22-12.27 Dejan Jakimovski, Decrease in secondary neck vessels and cerebral aqueduct enlargement in multiple sclerosis: a 5-year longitudinal MRI study Discussant: M. Haacke

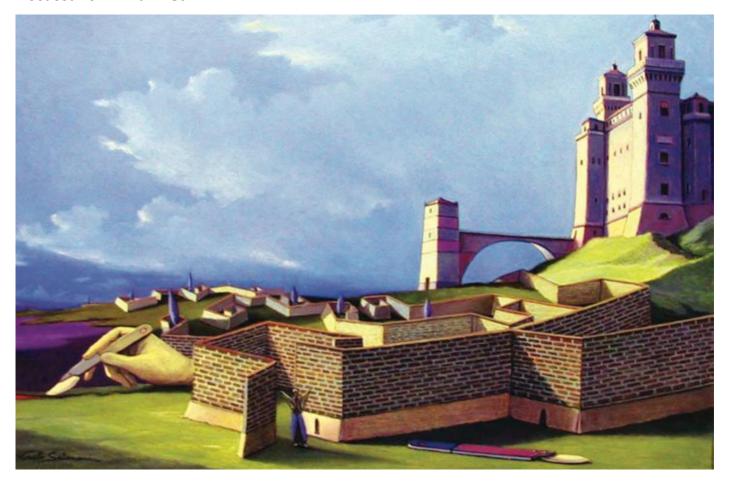
**12.32-12.37** Laura Pelizzari, **Cerebral blood flow and cerebrovascular reactivity in Parkinson's disease: relationship with severity of motor symptoms Discussant: E. Granieri** 

12.42 -12.47 Nicole Ziliotto, Expression profile of haemostasis genes in vascular wall: is internal jugular vein protected from thrombosis in impaired outflow condition? Discussant: D. Gemmati

12.52-12.57 Alba Scerrati, The eagle jugular syndrome Discussant: C. Anile

13.02 -13.07 Alice Pirastru, Brain perfusion patterns: consistency and similarity with fMRI resting state networks and arterial vascular territories Discussant: M. Wang

13.12 -13.17 Augusto Bonilauri, Effects of channel displacements vs. cortical anatomy on fNIRS sensitivity: a simulation study Discussant: F. Manfredini



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#### TORQUATO TASSO ROOM – THURSDAY, MAY 30<sup>th</sup>

#### "Short Presentation" Session - 13.35-14.35

Moderators: AM. Malagoni, Ferrara – Niels Bergsland, Buffalo

13.37-13.40 Measuring aqueduct of Sylvius cerebrospinal fluid flow in multiple sclerosis using different software packages.

M. Laganà

13.41-13.44 Mechanical function of internal jugular vein valve: post analysis of m mode imaging under cardiac monitoring.

N. Mohammed

**13.45-13.48 Multi-compartment mathematical model for cerebrospinal fluid mechanics coupled to the systemic circulation: application to transverse sinus stenosis.** L. Muller

13.49-13.52 Sart 3.5d - recovering cerebrovascular hemodynamics from standard 3d digital subtraction angiography cone-beam CT data-sets.

S. El Hadji

13.53-13.56 Hyper-simplified cerebrovascular model: high sensitivity of venous pulsatility vs. Venous resistance.

G. Baselli

13.57-14.00 Microembolic events during carotid stenting and surgery.

A. Di Girolamo

14.01-14.04 The role of omohyoid muscle entrapment of the internal jugular vein and is surgical transection in Ménière's disease and other inner ear disorders.

G.N. Frau

**14.05-14.08** The intra and extra cranial veins in relationship with chronic migraine. G. Toma

# 14.09-14.12 Assessment of vascular plasticity in stroke recovery: a NIRS-based metabolic

# approach.

N. Lamberti

# 14.13-14.16 Infected Gore<sup>®</sup> VIABHAN<sup>®</sup> endoprosthesis with carotid-cutaneous fistula: a rare complication after endovascular procedure on the carotid artery.

V. Catanese

# 14.17-14.20 Fluid dynamics of venous flow in multiple sclerosis.

T. Tucker

14.21-14.35 Discussion