

European Society of Neurosonology and Cerebral Hemodynamics (ESNCH)
Annual Meeting – Rome 10 -13 May 2014

Scientific Preliminary Program

Saturday May 10th		
08:00	Reception desk opening	
08:30-19:00	Industrial exhibition	
08:30-10:30	<p style="text-align: center;">Basic Tutorial <i>“Theory demonstration in plenary session”</i></p> <p style="text-align: center;"><u>Chair:</u> G.M. von Reutern G. Meneghetti</p>	<p>T1: 08:30-09:00 E. Bartels “Supraortic vessels” T2: 09:00-09:30 Z. Garami “Transcranial Doppler” T3: 09:30-10:00 J. Valdueza “Transcranial Color Duplex” T4: 10:00-10:30 G.M. Von Reutern “Conclusions and report”</p>
10:30-11:00	Coffee Break	
11:00-13:00	<p style="text-align: center;">Basic Tutorial: hands-on <i>“Meet the expert for neurosonological diagnosis”</i></p> <p style="text-align: center;">Part 1</p>	<p>G1: R. Kern G2: L. Klingelhöfer G3: E. Azevedo G4: G. Baltgaile G5: L. Olah G6: F. Sallustio</p>
13:00-14:00	Lunch	
14:00-16:30	<p style="text-align: center;">Basic Tutorial: hands-on <i>“Meet the expert for neurosonological diagnosis”</i></p> <p style="text-align: center;">Part 2</p>	<p>G1: H. Poppert G2: C. Baracchini G3: K. Niederkorn G4: M. Siebler G5: E. Vicenzini G6:</p>
16:30-17:00	Coffee Break	
15:30-18:00	<p style="text-align: center;">International certification in neurosonology Theoretical examination & results</p>	<p>E. Bartels G.M. von Reutern</p>
20:00	Shuttle to informal social event	

Sunday May 11th			
08:00	Reception desk opening		
8:30-19:00	Industrial exhibition		
8:30-10:30	<p style="text-align: center;">Advanced tutorials <i>“Live demonstration in plenary session”</i></p> <p style="text-align: center;"><u>Chair:</u> M. Sturzenegger K. Niederkorn</p>	<p>T5: 8:30-08:50 T. Rundek “Intima-media thickness”</p> <p>T6: 08:50-09:10 F. Sorond “Cerebrovascular reactivity assessment”</p> <p>T7: 09:10-09:30 F. Sallustio “Patent foramen ovale detection”</p> <p>T8: 09:30-09:50 U. Walter “Brain parenchyma imaging”</p> <p>T9: 09:50-10:10 E. Stoltz “Transcranial imaging of the venous system”</p> <p>T10: 10:10-10:30 S. Schreiber “TCCS insonation with fusion MRI imaging”</p>	
10:30-10:50	Coffee Break		
10:50-12:20	<p style="text-align: center;">Consensus Meeting “Sickle Cell Disease”</p> <p style="text-align: center;"><u>Chair:</u> G. Meneghetti S. Mazzucco</p>	<p>C1: 10:50-11:05 L. Sainati “Sickle cell disease: Neurological complications and stroke prediction methods”</p> <p>C2: 11:05-11:20 S. Mazzucco “TCD in sickle cell disease and stroke risk”</p> <p>C3: 11:20-11:35 S. Padayachee “Application of TCCD imaging in sickle cell disease”</p> <p>11:35-12:20 Consensus televoting.</p>	
10:30-12:20	<p style="text-align: center;">International certification in neurosonology Practical examination</p>	<p>E. Bartels G.M von Reutern</p>	
12:20-12:40	<p style="text-align: center;">Welcome ceremony</p> <p style="text-align: center;"><u>Chair:</u> N. Bornstein M. Diomedi</p>	<p>Greetings for Authorities Prof. L. Frati Rector Sapienza University</p>	

	E. Vicenzini	<p>Prof. A. Redler Dean of Faculty Medicine and Odontoiatrics</p> <p>Prof. E. Gaudio Dear of Faculty of Pharmacy and Medicine</p> <p>Prof. P. Stanzione Tor Vergata University</p> <p>Prof. M. Marinoni SINSEC President</p> <p>Prof. N. Bornstein ESNCH President</p>	
12:40-13:10	Magistral lecture	<p>L1: 12:40-13:10</p> <p>R. Aaslid “The Sound of Ultrasound”</p>	
13:10-13:40	Musical moment		
13:40-14:30	Lunch		
14:30-15:30	<p>Session I “US in Acute stroke”</p> <p><i>Chair:</i> M. Del Sette K. Niederkorn</p>	<p>L2: 14:30-14:45 F. Schlachetzki “Pre-hospital thrombolysis – is the ultrasound diagnosis of occlusion enough?”</p> <p>L3: 14:45-15:00 A.V. Alexandrov “Fifteen years of sonothrombolysis”</p> <p>O1: 15:00-15:10 O2: 15:10-15:20 O3: 15:20-15:30</p>	
15:30-16:30	<p>Session II “Intracranial atherosclerosis: diagnosis and management”</p> <p><i>Chair:</i> E. Azevedo G. Baltgaile</p>	<p>L4: 15:30-15:45 C. Baracchini “US diagnosis and clinical correlations of intracranial arteries stenosis”</p> <p>L5: 15:45-16:00 S. Mangiafico “Patient selection for interventions and treatments diversification”</p> <p>O4: 16:00-16:10 O5: 16:10-16:20 O6: 16:20-16:30</p>	
16:30-17:00	Coffee Break		
17:00-18:35	<p>Session III “Vascular risk stratification with ultrasound”</p> <p><i>Chair:</i> G.M. von Reutern D. Russell</p>	<p>L6: 17:00-17:15 J. Klingelhöfer “Review of the ultrasound criteria for quantification of ICA stenosis”</p> <p>L7: 17:15-17:30 D. Russell “The unstable carotid artery plaque”.</p>	

		<p>L8: 17:30-17:45 M. Silvestrini “Carotid stenosis, impaired cerebral hemodynamics and cognitive impairment” O7: 17:45-18:05 O8: 18:05-18:15 O9: 18:15-18:25 O10: 18:20-18:35</p>	
18:40-19:40	Poster Session I	<p>P1: Cerebral vasoreactivity F. Vernieri M. Sturzenegger</p> <p>P2: Cerebral Hemodynamics M. Marinoni E.B. Ringelstein</p> <p>P3: Acute stroke M. Del Sette S. Horner</p> <p>P4: Extracranial arterial disease S. Mazzucco J. Klingelhöfer</p> <p>P5: Heart and Brain and interventional F. Lusenti G. Baltgaile</p>	
19:40	Welcome reception		

Monday May 12th	
08:00	Reception desk opening
8:30-19:00	Industrial exhibition
08:30-09:30	<p style="text-align: center;">Session IV “What does the intensivist expect from the neurosonologist”</p> <p style="text-align: center;"><i>Chair:</i> G.A. Ottonello M. Rocco</p> <p>L9: 08:30-08:45 G. Tsivgoulis “Criteria for vasospasm identification, grading and follow-up”.</p> <p>L10: 08:45-09:00 M. Marinoni Reliability and usefulness of Transcranial Sonography to rapidly assess Cerebral Circulatory Arrest”</p> <p>O11: 09:00-09:10 O12: 09:10-09:20 O13: 09:20-09:30</p>
09:30-10-30	<p style="text-align: center;">Session V “New perspectives”</p> <p style="text-align: center;"><i>Chair:</i> E. Titianova N. Bornstein</p> <p>L11: 09:30-09:45 M. Siebler “Is myosonology comparable to the EMG needle?”</p> <p>L12: 09:45-10:00 U. Walter “Botulin toxin infiltration under ultrasound guidance”</p> <p>L13: 10:00-10:15 N. Carraro “Sonography of the eye”</p> <p>L14: 10:15-10:30 M. Kaps “Translational neurosonology: from the laboratory to daily clinical practice”</p>
10:30-11:00	Coffee Break
11:00-12:00	<p style="text-align: center;">Session VI “Ultrasound contrast agents in neurosonology”</p> <p style="text-align: center;"><i>Chair:</i> S. Meairs E. Bartels</p> <p>L15: 11:00-11:15 H. Poppert “Contrast ultrasound for the evaluation of carotid plaques perfusion”</p> <p>L16: 11:15-11:30 R. Kern “Clinical correlations of transcranial perfusion studies with ultrasound contrast agents”.</p> <p>O14: 11:30-11:40 E. Vicenzini</p>

		<p>“Can contrast carotid ultrasound make the difference in everyday clinical practice?” O15: 11:40-11:50 O16: 11:50-12:00</p>	
12:00-12:30	<p>E.M. Zanette “In memoriam” Lecture</p> <p><i>Chair</i> E. Bartels G.M. von Reutern</p>	<p>L17: G.L. Lenzi “Middle Cerebral Artery stenosis: smooth runs the water where the brook is deep”.</p>	
12:30-13:00	<p>Lecture</p>	<p>L18: E.B. Ringelstein “How ultrasound can transform a cryptogenic stroke into a well defined pathophysiological entity”</p>	
13:00-14:00	ESNCH Executive Committee meeting		
13:00-14:00	Lunch		
14:00-15:00	<p>Session VII “Heart & Brain”</p> <p><i>Chair:</i> N. Bornstein M. Siebler</p>	<p>L19: 14:00-14:15 L. Csiba “MES detection, CNS damage in cardiac arrhythmias” L20: 14:15-14:30 G. Baltgaile “Changes in cerebral circulation caused by cardiac disorders” O17: 14:30-14:40 K. Willeit “Carotid atherosclerosis and incident atrial fibrillation” O18: 14:40-14:50 O19: 14:50-16:00</p>	
15:00-16:00	<p>Session VIII “Embolic stroke from the heart and the aortic arch”</p> <p><i>Chair:</i> L. Csiba J. Klingelhöfer</p>	<p>L21: 15:00-15:15 A. Harloff “Aortic plaque as cause of stroke: innocent or guilty?” L22: 15:15-15:30 Z. Garami “Cerebral embolism in Trans-catheter Aortic Heart Valve Implantation and left ventricular devices” O20: 15:30-15:40 C. Pristipino “Embolization after patent foramen ovale closure and stroke recurrence” O21: 15:40-15:50 O22: 15:50-16:00</p>	

16:00-16:30	Coffee Break	
16:30-17:30	<p>Session IX - Interactive “Difficult diagnoses and interesting case report”</p> <p><i>Chair:</i> L. Olah C. Kremer</p>	O23: 16:30-16:40 O24: 16:40-16:50 O25: 16:50-17:00 O26: 17:00-17:10 O27: 17:10-17:20 O28: 17:20-17:30
17:30-18:30	Poster Session II	<p>P6: Extracranial arterial disease II t.b.d. D. Russell</p> <p>P7: Eye, muscle and veins G. A. Ottonello M. Siebler</p> <p>P8: Case reports C. Ruiz João Sargento-Freitas</p> <p>P9: Intracranial vascular and brain parenchyma V. Oliveira H. Poppert</p> <p>P10: New technologies R. Kern GM von Reutern</p>
18:30-19:30	General Assembly of ESNCH	
20:30	Shuttle to Gala Dinner	

Tuesday May 13th		
08:00	Reception desk opening	
08:30-13:00	Industrial exhibition	
08:30-09:30	<p style="text-align: center;">Session X “Examination of the veins and clinical applications”</p> <p style="text-align: center;"><i>Chair:</i> C. Baracchini E. Stoltz</p>	<p>L23: 08:30-08:45 M. Nedelmann “Jugular Vein incompetence definition and its clinical relevance in neurology”</p> <p>L24: 08:45-09:00 E. Stoltz “Intracranial venous thrombosis diagnosis and prognostic indices”</p> <p>O29: 09:00-09:10 J. Valdueza “Internal Jugular Vein in Transient Global Amnesia”</p> <p>O30: 09:10-09:20 O31: 09:20-09:30</p>
09:30-10:30	<p style="text-align: center;">Session XI “Ultrasound in the evaluation of the posterior circulation”</p> <p style="text-align: center;"><i>Chair:</i> E.B. Ringelstein M. Sturzenegger</p>	<p>L25: 09:30-09:45 C. Baracchini Examination of the vertebral arteries: is it useful and relevant?</p> <p>L26: 09:45-10:00 F. Perren Chiropractic maneuvers on the cervical spine: risk assessment with ultrasound.</p> <p>O32: 10:00-10:10 O33: 10:10-10:20 O34: 10:20-10:30</p>
10:30-11:00	Coffee Break	
11:00-11:30	<p style="text-align: center;">Lecture</p> <p style="text-align: center;"><i>Chair:</i> V. Di Piero E. Azevedo</p>	<p>L27: 11:00-11:20 M. Del Sette “Which, when and why to perform ultrasound in headache”</p>
11:30-12:40	<p style="text-align: center;">Proposals for standards and guidelines in neurosonology</p> <p style="text-align: center;"><i>Chair:</i> M. Siebler G. Baltgaile</p>	<p>11:30-11:40 G. Baltgaile Existing standards of neurovascular testing in European countries. Overview of data from questionnaire.</p> <p>11:40-11:50 N. Bornstein The role of ESNCH in standardization and accreditation of neuro and cerebrovascular testing</p>

		<p>11:50-12:00 M. Siebler Introduction: standards and Guidelines of neurosonological performance, documentation and data</p> <p>12:00-12:10 GM von Reutern Standard: examination and report of the extracranial cerebrovascular system</p> <p>12:10-12:20 D. Russel Standard of Microemboli detection</p> <p>12:20-12:30 S. Horner Standard examination of right-to-left shunt</p> <p>12:30-12:40 General discussion</p>	
12:40-13:10	<p>Selected Posters Oral presentation & prizes</p> <p><i>Chair:</i> M. Sturzenegger L. Csiba</p>	<p>I</p> <p>II</p> <p>III</p>	
13:10-13:30	<p>Highlights of the 19th ESNCH Rome meeting</p>	<p>N. Bornstein M. Diomedi E. Vicenzini</p>	
13:30-14:00	<p>Closing ceremony and invitation to 20th ESNCH meeting in 2015</p>	<p>M. Diomedi E. Vicenzini B. Malojcic A. Mrden</p>	