



PRELIMINARY PROGRAMME

Wednesday October 18th

Kilometro Rosso/Gate 5

09:00-12:30 **Refresher Course** – Anatomy and function, recognizing what we already know

Confindustria Auditorium

09:00-09:15 Registration

09:15-09:30 Introduction

09:30-10:00 Anatomy of the white matter tracts

10:00-10:30 Anatomy and function of the cortex

10:30-11:00 Perivascular spaces: anatomy, pathology and 7T imaging

11:00 -11:30 Discussion

11:30-12:30 Kilometro Rosso, innovation research and development

Seminario Vescovile

12:00-19:00 Registration

AUDITORIUM (plenary session)

14:00-14:30 Opening Ceremony

14:30-18:30 **Pediatric neuroradiology**

14:30-15:00 **Keynote Lecture** – Pediatric brain tumors

15:00-15:20 Pediatric stroke

15:20-15:40 Role of transfontanellar ultrasound (transfontanellar, cerebral flow assessment, spinal ultrasound in neonates)

15:40-16:00 Brain and spinal injuries, CT and MRI protocols; state of the art

16:00-16:30 Discussion

16:30-17:00 Coffee Break

AUDITORIUM (parallel session)

17:00-18:30 **Inflammatory demyelinating diseases**

17:00-17:15 Demyelinating mimics

17:15-17:30 The latest generation therapies: what do you ask the neuroradiologist?

17:30-17:45 SMSM, NMOSD and anti MOG: clinical definition and the importance of the MRI study as a support to the differential diagnosis.

17:45-18:05 Does Gadolinium have a role in managing MS Patients?

18:05-18:30 Discussion

AULA MAGNA (parallel session)

NO CME

17:00-18:30 **Oral Communications**

AUDITORIUM (plenary session)

18:30-19:00 Keynote Lecture – The “Brain in Flame”: Pathology and Imaging of Noninfectious CNS Inflammation

19:00-20:00 Welcome Cocktail

Thursday October 19th

AUDITORIUM (plenary session)

08:30-10:00 Cranial nerves and skull base

8:30-08:50 Cranial nerves: Infections and inflammations

08:50-09:10 Temporal bone

09:10-09:30 Orbits

09:30-10:00 Discussion

10:00-10:30 Coffee Break

AUDITORIUM (parallel session)

10:30-12:00 Nose and paranasal sinuses

10:30-10:50 Nose and paranasal sinuses: the ENT point of view

10:50-11:10 Nose and sinuses: the neuroradiological point of view

11:10-11:30 Granulomatosis (IgG4, ECD, GPA)

11:30-12:00 Discussion

AULA MAGNA (parallel session) NO CME

10:30-12:00 Oral Communications

AUDITORIUM (plenary session)

12:00- 12:30 Clinical cases - Comparison session: battles between schools

12:30-14:30 Lunch Break

AUDITORIUM (parallel session)

14:30-16:30 Cerebral Amyloidosis

14:30-14:50 Clinical therapeutic framework

14:50-15:10 Cerebral amyloidosis CT and MRI

15:10-15:30 CAA and Alzheimer's association?

15:30-16:00 Discussion

16:00-16:30 **Keynote Lecture** – Cerebral microbleeds: MRI detection and clinical relevance in different disease settings

AULA MAGNA (parallel session) NO CME

14:30-16:30 Oral Communications

AUDITORIUM (parallel session)

17:00-18:30 CNS degenerative diseases

17:00-17:15 Neuropathology and genetics of Alzheimer's disease

17:15-17:30 Functional imaging – ASL in dementia – perfusion in dementia

17:30-17:45 MRI in dementias

17:45-18:00 Discussion

18:00-18:30 **Keynote Lecture** – Small vessel disease and its role in dementia

AULA MAGNA (parallel session) NO CME

17:00-18:30 Lymphomas and vasculitis

17:00-17:30 **Keynote Lecture** – CNS vasculitis, update 2023: anatomy, pathology and imaging

17:30-17:50 Classification of lymphomas and pathological pictures

17:50-18:10 Rare tumors: cerebral lymphomas and DD: MRI

18:10-18:30 Discussion

AUDITORIUM (plenary session)

18:30-19:00 **Keynote Lecture** – Focus on skull base tumors: the good the bad and the ugly (differentials diagnosis and technical tricks)

Friday October 20th

AUDITORIUM (parallel session)

08:30-10:00 Spine: the dark side of the moon

08:30-08:50 Imaging in multiple myeloma

08:50-09:10 Rheumatological pathology

09:10-09:30 Spine: use of diffusion for differential diagnoses

09:30-10:00 Discussion

AULA MAGNA (parallel session) NO CME

08:30-10:00 Oral Communications

10:00-10:30 Coffee break

AUDITORIUM (parallel session)

10:30-12:00 Nerves and muscles

10:30-10:50 Role of diagnostic MRI (nerve and muscle)

10:50-11:10 Advanced techniques T2 mapping, fat fraction

11:10-11:30 Role of diagnostic ultrasound (nerve and muscle)

11:30-12:00 Discussion

AULA MAGNA (parallel session) NO CME

10:30-12:00 Networking and publishing n in the 20s of the XXI century

10:30-10:50 Personal Branding and networking with social media: state of the art

10:50-11:10 teaching of neuroradiology today: new methods to involve young people

11:10-11:30 Role of magazines

11:30-12:00 Discussion

AUDITORIUM (parallel session)

14:00-15:30 “Ultra and high field imaging” and new techniques

14:00-14:20 How to read SWI sequences

14:20-14:40 Lesions of the intracranial vascular wall at 7T

14:40-15:00 ASL techniques in adults and children

15:00-15:20 MRgFUS

15:20-15:50 Discussion

NEURORADIOLOGY LABORATORIES (parallel session)

14:00-16:00 Interventional neuroradiology laboratories – NO CME

INTERVENTIONAL NEURO-RADIOLOGY LABORATORY

Evolution of embolizing materials

Endovascular treatment of cerebral aneurysms

Thrombectomies

General principles of embolism therapy

Disc decompression

Vertebral fractures

CT Guided Biopsies

ULTRASOUND LABS

Peripheral nerve ultrasound laboratories

Cadaverlab

INTERVENTIONAL NEURO-RADIOLOGY SIMULATION PATHS

Simulation Path - Interventional materials

Neurovascular Simulation Path (Flow Diverter)

16:00-16:30 Coffee break

AUDITORIUM (parallel session)

16:30-17:00 Neurocovid

16:30-16:45 Neuroimaging patterns

16:45-17:00 Survey on Eurocovid

17:00-17:30 Discussion

AULA MAGNA (parallel session) NO CME

16:30-17:00 Round table: functional techniques and role of AI in clinical reality

16:30-16:40 fMRI and tractography in the Italian clinical reality

16:40-16:50 Perfusion techniques: shared protocols and clinical applications

16:50-17:00 Advanced methods in DTI

17:00-17:30 Discussion

AUDITORIUM (plenary session)

17:30-18:00 **Keynote Lecture** – Where are we and where were we?

17:15-17:30 Discussion

18:00-19:00 **AINR GENERAL ASSEMBLY – NO CME**

Saturday October 21st

AUDITORIUM (parallel session)

08:30-10:00 Interventional neuroradiology or neurointerventional surgery 1

08:30-08:45 Studies on endovascular treatment from research to clinical practice

08:45-09:00 Mechanical thrombectomy: balloons, SR aspiration or both?

09:00-09:15 Artificial intelligence in neuroradiology: what future in daily clinical practice?

09:15-09:30 How to select the patient: diffusion perfusion: CT or MRI?

09:30-10:00 Discussion

AULA MAGNA (parallel session) NO CME

08:30-10:00 Miscellaneous

08:30-08:50 Brain in space (modification of CNS during spatial flights)

08:50-09:10 Clinical-radiological interaction in oral pathology

09:10-09:30 Cadaver Lab experience

09:30-10:00 Discussion

10:00-10:30 Coffee break

AUDITORIUM (parallel session)

10:30-12:00 Interventional neuroradiology or neurointerventional surgery 2

10:30-10:45 Management of stroke's complications

10:45-11:00 Complications: pearls, pitfalls and limitations of coils

11:00-11:15 State of the art of spinal intervention (the spine)

11:15-11:30 Minimally invasive percutaneous treatments of spine (disc)

11:30-12:00 Discussion

AULA MAGNA (parallel session) NO CME

10:30-12:00 Healthcare professions in neuroradiology

10:30-10:50 Role of the (Neuroradiology) Technician in the management of the diagnostic and emergency protocol

10:50-11:10 Role of the (Neuroradiology) Technician in the management of the research protocol

11.10-11.30 Role of the nurse in neuroradiology

11:30-12:00 Discussion

AUDITORIUM (plenary session)

12:00-13:00 Award ceremony for best oral and poster presentation – NO ECM