LASSE XX – Preliminary Program (EN)

Day 1- Feb 22		**Tools for the etiological study of epilepsies**	
9:00	10:00	WELCOME	Welcome and introduction
10:00	12:30	LECTURES	How do I demonstrate a cause-and-effect relationship in medicine?
			Map of epilepsy etiologies
			Formulation of etiological hypotheses from the clinic
14:00	16:00	TOOLS FOR DIAGNOSIS	Role of neurophysiology in the etiological diagnosis of epilepsies. Conceptual framework from classification to EEG.
			Role of neuroimaging in the etiological diagnosis of epilepsies
			Genetic and metabolic studies: algorithm and access in LA
16:30	17:10	TOOLS FOR ACTION	Tools for clinical action: guidelines, protocols, evidence and critical reading
17:10	18:30	TOOLS FOR RESEARCH	Adapting research models to etiologies
			How do I ask impactful research questions?

Day 2- Feb 23		**Post-Traumatic Epilepsy**	
9:00	09:45	ROUNDTABLE	Provocative clinical cases.
9:45	10:30	LECTURE	Clinical Challenges and EEG in Post-Traumatic Epilepsy
11:00	12:30	TOOLS FOR RESEARCH	Models for the study of post traumatic epilepsy.
			Advances in the understanding of post-traumatic epileptogenesis
14:00	15:00	TOOLS FOR ACTION	What do we need to know to design clinical trials of anti-epileptogenic therapy after brain trauma?
15:00	15:30	PRESENTATION G1	Review synthesis and identification of knowledge gaps
15:30	17:30	GROUP WORK	Identification of research questions and possible approaches
17:30	19:00	ROUNDTABLE	Groups presentations and plenary discussion

Day 3- Feb 24		**Vascular epilepsy**	
9:00	9:45	ROUNDTABLE	Provocative clinical cases and clinical challenges in adults
9:45	10:30	LECTURE	Hypoxic-ischemic encephalopathy
11:00	12:30	LECTURES	Epilepsy and stroke
			The epileptic heart: when seizures, brain and heart intersect.
14:00	15:20	TOOLS FOR RESEARCH	Diagnostic tools in the prediction of vascular epilepsy
			Models and mediators of epileptogenesis associated with tissue hypoxia
15:20	15:50	PRESENTATION G2	Review synthesis and identification of knowledge gaps
16:00	18:00	GROUP WORK	Identification of research questions and possible approaches
18:00	19:30	ROUNDTABLE	Groups presentations and plenary discussion

Day 4- Feb 25		Infections, epilepsy and immunity	
9:00	10:30	ROUNDTABLE	Provocative clinical cases and clinical challenges
			Contribution of neuroimaging and neurophysiology in the diagnostic orientation
11:00	12:30	TRASLATIONAL LECTURES	Epilepsy and neuroinfection (TBC)
			Diagnosis and research of autoimmune etiology in epilepsy.
14:00	14:40	TOOLS FOR RESEARCH	Glia, immunity, epilepsy
14:40	15:20	TOOLS FOR ACTION	Treatment of autoimmune epilepsy: evidence and protocols
15:20	15:50	PRESENTATION G3	Review synthesis and identification of knowledge gaps
16:00	18:00	GROUP WORK	Identification of research questions and possible approaches
18:00	19:30	ROUNDTABLE	Groups presentations and plenary discussion

Day 5- Feb 26		Malformations of cortical development	
8:00	9:00	ROUNDTABLE	Provocative clinical cases and clinical challenges.
9:00	9:45	TRASLATIONAL LECTURES	Cortical development: genetics and epigenetics
9:45	10:30		Mechanisms of epilepsy in FCD
11:00	12:30	TOOLS FOR DIAGNOSIS	Neuroimaging in MCD
			Neurophysiology of MCD in adults
			Neurophysiology of MCD in children
14:00	15:00	TOOLS FOR RESEARCH	Contributions of neuropathological research in the understanding of MCD
			Tuberous sclerosis as a model for MCD.
15:00	15:30	TOOLS FOR ACTION	Gene therapy for MCD
15:30	16:00	PRESENTATION G4	Review synthesis and identification of knowledge gaps
16:00	18:00	GROUP WORK	Identification of research questions and possible approaches
18:00	19:30	ROUNDTABLE	Groups presentations and plenary discussion

Day 6, Feb 27		Epilepsy, hippocampus and dementia	
9:00	9:45	ROUNDTABLE	Provocative clinical cases and clinical challenges.
9:45	10:30	LECTURE	Neuropathology in cases with epilepsy and neurodegenerative diseases.
11:00	12:30	TOOLS FOR DAGNOSIS	Neuroimaging of hippocampus in epilepsy and in dementias.
			Hippocampal sclerosis: Neurophysiological contributions to the understanding of epileptogenesis
14:00	15:20	TRASLATIONAL LECTURES	Animal models in the study of hippocampal sclerosis
			Epileptogenesis in HS and in primary degenerative dementias.
15:30	16:00	PRESENTATION G5	Review synthesis and identification of knowledge gaps

16:00	18:00	GROUP WORK	Identification of research questions and possible approaches
18:00	19:30	ROUNDTABLE	Groups presentations and plenary discussion
19:30	20:00	CLOSURE	