

What's the story?

In 2015, Professors Jörg Wellmer and Susanne Knake founded the “Summer School on Imaging in Epilepsy” (SuSIE). The aim of the SuSIE was to provide a comprehensive course on topics covering the spectrum of structural and functional imaging in the field of epilepsy, epilepsy surgery as well as neighbouring topics (e.g. aspects in neurophysiology) and clinically relevant current research (e.g. new MRI sequences, postprocessing and AI). The SuSIE was organised annually as on-site event in Germany. The program included both presentations and fully interactive hands-on half- and full-day workshops

In the first years the SuSIE took place at the castle Rauschholzhausen near Marburg (Germany) with approximately 60 participants from more than 20 countries. In 2019, the venue was changed to Bochum, to accommodate a larger audience of approx. 100 participants. The program was extended by including sessions with a more research-oriented focus on separate days, but still within the general scope of the SuSIE. The AMIE was born (“AMIE – Annual Meeting on Imaging and Electrophysiology”).

Due to the Covid-pandemic, the AMIE & SuSIE 2020 and 2021 took place as purely virtual events. Over 450 participants from 50 countries attended the 9 (2020) to 13 (2021) different sessions during two days of AMIE & 15 lectures and 4 workshops during two days of SuSIE.

In 2022 we took the next step: The AMIE & SuSIE are now part of the official ILAE curriculum. **We are looking forward to seeing you online during our lectures or in person during our workshops in Potsdam near Berlin!**

The Organizing Committee



ILAE School on Neuroimaging (AMIE & SuSIE)

When: 15th – 18th May 2024; CEST

Where: Potsdam

Who: Researchers & Clinicians interested to learn more about methods and application of Imaging in Epilepsies



Time (CEST)	Wednesday, 15th May 2024	Thursday, 16th May 2024	Friday, 17th May 2024			Saturday, 18th May 2024					
08:00 - 09:00	ARRIVAL	Breakfast	Breakfast			Breakfast					
		Room 1	Room 2	Room 3	Room 4	Room 2	Room 3	Room 4			
09:30 - 11:00		LECTURES MRI in Epilepsy (TLE, ETLE, Epileptogenic lesions pediatric)	WORKSHOPS			WORKSHOPS					
		Coffee Break	Source Imaging - Theory I	Finding the lesion I	TMS (language loc.)	Source Imaging - Hands-on I	Connectivity analysis I	DTI I			
11:30 - 13:00		LECTURES PET/SPECT, ESI/MSI Connectivity analysis	Source Imaging - Theory II	Finding the lesion II	MRI post-processing	Source Imaging - Hands-on II	Connectivity analysis II	DTI II			
		Lunch Break	Lunch Break			DEPARTURE					
		Room 1	Room 2	Room 3	Room 4				Room 2	Room 3	Room 4
14:00 - 15:30		LECTURES MRI in Epilepsy (Physics, Clinical protocols, How to find the lesion)	WORKSHOPS						WORKSHOPS		
		Coffee Break	PET I	MAP18 I	MRI in Children I				MRI in TLE	fMRI language	Virtual Brain I
16:00 - 17:30		LECTURES (MRI negative Epilepsy MRI postprocessing, fMRI)	PET II	MAP18 II	MRI in Children II				MRI in ETLE	fMRI motor	Virtual Brain II
	POSTER PRESENTATION	Keynote lecture			POSTER PRESENTATION						
18:30 - 19:30	Dinner	Dinner			Dinner						

LECTURES: hybrid (possibility for in-person attendance or online via stream)

WORKSHOPS, Keynote lecture, POSTER PRESENTATION **in-person only**

Faculty

Miriam Bopp (Marburg, Germany)
Boris Bernhardt (Montreal, Canada)
Silvia Bonelli-Nauer (Vienna, Austria)
Fernando Cendes (Campinas, Brazil)
Lorenzo Caciagli (Pennsylvania, USA)
David Carmichael (London, UK)
Jon Clayden (London, UK)
Felice D'Arco (London, UK)
Nicholas Fearn (Munich, Germany)
Alexander Hammers (London, UK)
Maria Ilyas-Feldmann (Berlin, Germany)
Vicky Morgan (Nashville, USA)
Stefan Rampp (Erlangen, Germany)
Mirja Steinbrenner (Berlin, Germany)
Anna Tietze (Berlin, Germany)
Anna Vaudano (Modena, Italy)
Christian Vollmar (Munich, Germany)
Bernd Vorderwülbecke (Berlin, Germany)
Serge Vuillemoz (Geneva, Switzerland)
Jan Wagner (Ulm, Germany)
Irene Wang (Cleveland, USA)
Carolin Weiß-Lucas (Cologne, Germany)
Jörg Wellmer (Bochum, Germany)
Friedrich Woermann (Bielefeld, Germany)
...more to be announced

Registration

Please refer to the **ILAE website** to access the **online registration forms**: <https://www.ilae.org/congresses/ilae-school-on-neuroimaging-2024>

You can either register for the live stream of the lectures or to attend the event in person including participation of hands-on workshops. In case of questions, please **refer to our FAQ** and/ or contact us via email: ison.epilepsy@gmail.com

Organizing Committee

Mirja Steinbrenner (Charité – Universitätsmedizin Berlin, Epilepsy Center Berlin- Brandenburg, Germany)

Stefan Rampp (Neurochirurgische Universitätsklinik Erlangen, Germany)

Maria Ilyas-Feldmann (Charité – Universitätsmedizin Berlin, Epilepsy Center Berlin- Brandenburg, Germany)



We thank our Sponsors for supporting this event!