

	Industry sponsored session
	Scientific session
	SuSIE teaching session

Sunday, August 12th

14:00 h	Scientific satellite workshop 1: MRI coil and sequence development (4h)	H. Kugel, Münster, B. Keil, Gießen, R. Deichmann
14:00 h	Scientific satellite workshop 2: Connectivity analysis in epilepsy (4h)	C. Vollmar, München
14:00 h	Brainlab application workshop (4h)	Brainlab
18:00 h	Come together	
19:00 h	Dinner	

Monday, August 13th

09:00 h	Welcome and organization remarks	S. Knake, Marburg J. Wellmer, Bochum
09:30 h	Epilepsy specific MRI protocols	J. Wellmer, Bochum
10:00 h	Creating a clinical focus hypothesis from seizure semiology and EEG	J. Wellmer, Bochum
10:30 h	Strategies to read MRI for detecting epileptogenic lesions	S. Knake, Marburg
11:00 h	The spectrum of epileptogenic lesions – a systematic approach	F. Wörmann, Bielefeld
11:30 h	Coffee break	
11:45 h	Computer assisted MRI evaluation for identifying epileptogenic lesions	H-J. Huppertz, Zürich
12:15 h	Structural imaging: new technologies (high field, new sequences, head coils)	B. Keil, Gießen
12:45 h	DTI fiber tracking and microstructural tissue analysis	M. Belke, Düsseldorf
13:15 h	Lunch	
14:00 h	PET and SPECT	T. von Oertzen, Linz
14:30 h	EEG- and MEG based electrical source analysis	S. Rampp, Erlangen
15:00 h	fMRI, MEG, fTCD and co for language lateralization and localization	K. Menzler, Marburg
15:30 h	Connectivity analysis in epileptology	C. Vollmar, München
16:00 h	Coffee break	
16:30 h	Decision making in epilepsy surgery	J. Wellmer, Bochum
17:00 h	Multimodal image coregistration	M. Bopp, Marburg
17:30 h	Intraoperative imaging and neuronavigation	B. Carl, Marburg
18:00 h	Break	
19:00 h	Welcome Dinner with key note lecture: Hugues Duffau, Montpellier: Do fMRI, DTI-fiber tracking and co tell us the truth? Lessons from direct electrostimulation mapping of the brain?	Hugues Duffau, Montpellier

21:00 h	The SuSIE Forum: Table 1: MRI in countries of restricted resources; Table 2: Source localization; Table 3: MAP; Table 4: connectivity+B15 B15	all
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Tuesday, August 14th

	basic epileptological block 1	neurosurgical block 1	Source localization block 1	MRI postprocessing block 1
09:00 h	A (●○○)	B (●●○)	C (●●○)	D (●●●)
	Language lateralization and localization (including fMRI, Wada fTCD , rTMS, electrical stimulation mapping) K. Menzler, A. Hermsen, K. Krause	Neurosurgeons' session: Transfer of different imaging modalities into neuronavigation B. Carl, Y. Parpaley	The MAP-hub: morphometric and volumetric analysis - module 1 HJ Huppertz, P. House	Epilog: Outsourced EEG source imaging in clinical routine: usability and interpretation G. Strobbe
12:00 h	Participants case presentations I (oral and posters)			
13:00 h	Lunch			
	basic epileptological block 2	neurosurgical block 2	Source localization block 2	MRI postprocessing block 2
14:00 h	E (●○○)	F (●●○)	G (●●●)	H (●○○)
	Indication, application, processing and interpretation of PET and SPECT T. Oertzen, S. Katletz	Neurosurgeons' session: stereotactic epilepsy surgery: from implantation to coagulation B. Carl, Y. Parpaley	The MAP-hub: morphometric and volumetric analysis - module 2 HJ Huppertz, P. House	BESA: EEG and MEG based electrical source analysis, module 1 A. Ebert, S. Rampp
17:30 h	Social evening - Guided tour through medieval Marburg, dinner			

Wednesday, August 15th

	functional imaging block 1	neurosurgical block 3	Source localization block 3	Pediatricians block 1
09:00 h	I (●○○)	J (●●○)	K (●●●)	L (●○○)
	Reading MRI and finding epileptogenic lesions S. Knake, F. Wörmann	Demarcating epileptogenic lesions on MRI workstations and PACS systems J. Wellmer	Pediatricians' session: structural and functional imaging in children S. Schubert-Bast / M. Wagner	BESA: EEG and MEG based electrical source analysis, module 2 A. Ebert, S. Rampp
12:00 h	Participants case presentations II (oral and posters)			
13:00 h	Lunch			
	functional imaging block 2	neurosurgical block 4	Source localization block 4	Pediatricians block 2
14:00 h	M (●○○)	N (●○○)	O (●●●)	P (●○○)
	MRI application work-shop: learn to teach your technicians at home J. Wellmer / R. Werner / A. Jansen	Adult epilepsy surgery. Decision making process and cases Wehner	Pediatric epilepsy surgery. Decision making process and cases Schubert-Bast / K. Weber	BESA: EEG and MEG based electrical source analysis, module 3 S. Rampp, A. Ebert
17:00 h	Assembly of all participants to discuss present and future SuSIE topics and structure, evaluation of the 2017 SuSIE, closing remarks, certificates and farewell			

