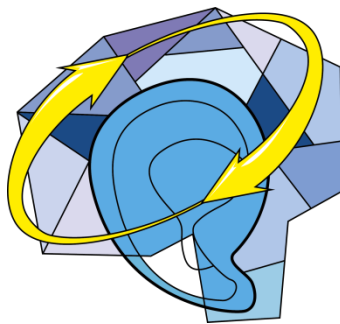


Closing the Auditory (Efferent) Loop

International Symposium



Meeting

*Monday, October 26 -
Wednesday, October 28
2015*

Location:

Herrenhausen Castle
Hannover

Organisation:

Theodor Doll, Maria Höfer, *Hannover*
Stefan Debener, *Oldenburg*
Marlies Knipper, *Tübingen*
Honorary Int`'s Chair: Thomas Lenarz

Day 1 (26.10.2015)		
Till 17:00	Arrival	
18:00-18:30	Welcome	Th. Lenarz, T. Doll
18:30-18:45	tba	T. Andringa
18:45-open	Get together with buffet	
Day 2 (27.10.2015)		
8:30-9:00	Overview – planned activities	M. Knipper
9:00-12:30	Plenary Talks – state of the art, limitations and outlook	
	Clinical Research	Th. Lenarz
	Neurophysiology of the healthy auditory system - basic research and possibilities for closing the loop	M. Knipper, M. Malmierca, R. Nouvian
	Signal Processing and Audiology	B. Shinn-Cunningham, A. Limberger
	Coffee break	
	Modelling and System Integration	R. Meddis, W. Hemmert
	Neuro surgery	J. Krauss
	Wrap up	D. Ryugo, B. Kollmeier, E. Altenmüller
12:30-13:30	lunch	
13:30-17:30 (incl. breaks)	Track A Expert talks M. McLaughlin, E. Lopez-Poveda, A. De Cheveigné, P. Barone,A. Sharma, M. Schönwiesner, B. Laback, A. Bendixen, Th. Stieglitz, M. Tangermann, P. Kidmose, E. Dalhoff, P. Delano, S. Pyott	Track B Tutorials - Modelling (W. Noguiera) - CI Technology (tba) - BCI Technology (M. Bleichner) Poster Session Short talks M. Bleichner, R. Carroll, T. Tamati, S. Srinivasan, T. Harczos, Ph. Wimmer
17:30-18:00	Open discussion	Open discussion
18:00-19:00	Dinner	
19:00-20:30	Open lecture “Would Beethoven have benefited from today’s cochlear implants?”	Zenner
20:30-open	Get together	

Day 3 (28.10.2015)		
8:30-12:00	Work groups – Road Mapping	
	Working across disciplines	T. Andringa
	Overview - planned activities	S. Debener
9:00-11:20 (incl. breaks)	Clinic / Patient Studies	Th. Lenarz, H. Maier, tba
	Neurophysiology / Animal Studies	A. Kral, R. Nouvian, L. Rüttiger, M. Malmierca
	Anatomy / Neurosurgery	Krauss, tba
	Psychology / Psychophysics / Audiology	M. Beauchamp, A. Bendixen, A. Limberger, tba
	Signal Processing / Coding	A. Büchner, S. Doclo, J. Chalupper, B. Shinn-Cunningham
	Modeling	S. Denham, T. Jürgens, R. Meddis, S. Verhulst
	Technology / System Integration	C. Braun, Th. Stieglitz, J. Voix, B. Waldmann
	BCI	M. De Vos, R. Holme, S. Debener, F. Solzbacher
11:20-12:00	Wrap-up	Workshop group leader
12:00-13:00	lunch	
13:00-14:00	Track A Contribution of participants to future of closing the loop	Track B Career development for students Glasmacher
14:00-15:00	Wrap up and panel discussion	T. Doll, M. Höfer, M. Knipper , D. Ryugo
From 15:00	farewell /departure	