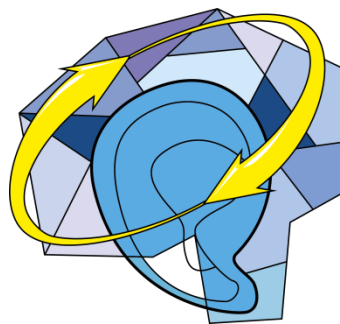


# Closing the Auditory (Efferent) Loop

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	
18:00-18:15	Welcome	Lenarz
18:15-19:30	Joint Introduction	Doll, Debener, Knipper
19:30	Get together	
Day 2 (27.10.2015)		
8:30-9:00	Overview – planned activities	Ryugo
9:00-12:30	Plenary Talks – state of the art, limitations and outlook	
	Clinical Research	Lenarz, Gilles
	Neurophysiology of the healthy auditory system - basic research and possibilities for closing the loop	Knipper, Sánchez Malmierca, Puel
	Signal Processing and Audiology	Shinn-Cunningham, Limberger
	Modelling and System Integration	Meddis, Hemmert
	Neurosurgery and anatomy	Rask-Anderson, Schrott-Fischer
	Panel Discussion	Ryugo, Kollmeier, Altenmüller
12:30-13:30	lunch	
13:30-17:30	<b>Track A</b>  15 <b>expert talks</b> about own work related to closing the loop  McLaughlin, Lopez-Poveda, De Cheveigné, Barone, Sharma, Schönwiesner, Laback, Bendixen, Stieglitz, Tangermann, Kidmose, Dalhoff, van Dijk, Delano, Pyott	<b>Track B</b> <b>Tutorials</b> - Recording and Analysis - Modelling - BCI Technology <b>Short talks</b> <b>Poster Session</b>
17:30-18:00	Wrap up	Ryugo
18:00-19:00	Dinner	
19:00-20:30	Open lecture “Hätte Beethoven von den heutigen Cochlea Implantaten profitiert?”	Zenner

Day 3 (28.10.2015)		
<b>9:00-12:00</b>	<b>Work groups – Road Mapping</b> Overview planned activities Workshops	
	Clinic / Patient Studies	Gilles, Lenarz, Maier, Waldmann
	Neurophysiology / Animal Studies	Kral, Puel, Rüttiger, Sanchez Malmierca
	Anatomy / Neurosurgery	Krauss, Rask-Anderson, Schrott-Fischer
	Psychology / Psychophysics / Audiology	Bendixen, Limberger, Rieger, van Dijk
	Signal Processing / Coding	Büchner, Doclo, Shinn-Cunningham
	Modelling	Denham, Jürgens, Meddis
	Technology / System Integration	Dalhoff, Stieglitz, Voix
	BCI	De Vos, Holme, Debener, Solzbacher
	Wrap-up	Ryugo
<b>12:00-13:00</b>	lunch	
<b>13:00-14:00</b>	<b>Track A</b> Contribution of participants to future of closing the loop (commitments)	<b>Track B</b> Career development (Students)
<b>14:00-15:00</b>	Wrap up and panel discussion	Ryugo
<b>From 15:00</b>	farewell /departure	