

# SISHA

## The 8th Samsung International Symposium on Hearing Aids

September 7 (Sat), 2019

Samsung Medical Center, Seoul, Korea - Auditorium (B1), Comprehensive Cancer Center

September 7, 2019

Time	Topic	Speaker
09:00 - 09:10	Opening Remarks	Sung Hwa Hong
09:10 - 11:40	<b>Artificial Intelligence in Hearing Aids</b>	
09:10 - 09:40	Reinventing Hearing Aids: Multi-Purpose Healthable Device with Embedded Sensors and Artificial Intelligence	Achin Bhowmik
09:40 - 10:00	Artificial Intelligence	Megan Quilter
10:00 - 10:20	The Future Transformation of Hearing Care	Morten Nordahn
10:20 - 10:40	<i>Coffee Break</i>	
10:40 - 11:00	Insights on Hearing Driving Brain Interfaces and Advanced Technology	Thomas Behrens
11:00 - 11:20	Deep Neural Learning – the Next Step of Hearing Aid Algorithms	Heike Heuermann
11:20 - 11:40	Application of AI to Speech Enhancement	Kang-Hun Ahn
11:40 - 12:40	<i>Lunch</i>	
12:40 - 15:20	<b>Overview of Current Technology in Hearing Aids</b>	
12:40 - 13:00	Remote Support: Online Hearing aid Adjustment	Kelvin Seah
13:00 - 13:20	Remote Fine Tuning	Megan Quilter
13:20 - 13:30	Clinical Effectiveness of Wireless Streaming for Phone Conversation in Hearing-Impaired Listeners	Il Joon Moon
13:30 - 13:45	Outlook of Korean Hearing Aids Market and Policy	Dong-Hee Lee
13:45 - 14:00	Comparison of Hearing Aids and Middle Ear Implants	Jae Young Choi
14:00 - 14:20	<i>Coffee Break</i>	
14:20 - 14:40	Own Voice Processing – Technology, Applications, and Benefit	Heike Heuermann
14:40 - 15:00	AI Driven Personalization	Morten Nordahn
15:00 - 15:20	State of the Art Hearing Technology and Brain-Hearing Benefits	Thomas Behrens
15:20 - 15:40	<i>Coffee Break</i>	
15:40 - 17:00	Panel discussion Topic : Trends in Hearing Aids in 2030 Technology, Market, and Policy	
		<b>Moderator</b>
		Yang-Sun Cho
		<b>Panelists</b>
		Achin Bhowmik
		Megan Quilter
		Morten Nordahn
		Thomas Behrens
		Heike Heuermann
		Kelvin Seah
	Jong Woo Chung	
	Sungwon Chae	

### International invited speaker



Achin Bhowmik  
Chief Technology  
Officer & Executive Vice  
President of Engineering  
Starkey



Thomas Behrens  
Vice president,  
Applied Research  
Oticon



Heike Heuermann  
Vice President  
Audiology, Algorithms  
and Architecture  
Sivantos



Kelvin Seah  
Asia-Pacific Product  
Manager  
Phonak



Morten Nordahn  
Senior Audiology  
Innovation Manager  
Widex



Megan E. Quilter  
Senior Audiologist,  
Global Medical Affairs  
GN\_ReSound

Organized by  
Department of Otorhinolaryngology,  
Samsung Medical Center (SMC),  
Sungkyunkwan University School of Medicine  
Hearing Research Laboratory of SMC-SEC

Sponsored by  
Korean Otological Society

