

## Programma

Vergadering Werkgemeenschap Auditief Systeem

**Donderdag 26 mei 2005**

RadboudUniversiteit Nijmegen

Hippocrateszaal, Geert Groteplein 21, Nijmegen

Routebeschrijving: zie "who and where" op <http://www.ru.nl/mbphysics/>

Opgave voor de lunch via [J.vanOpstal@science.ru.nl](mailto:J.vanOpstal@science.ru.nl)

- 9:40 Ontvangst, koffie
- 10:00 **Gaston Hilkhuisen, Tammo Houtgast, Johannes Lyzenga (VU, Amsterdam)**  
Estimating cochlear-filter shapes, temporal-window width and compression from tone-sweep detection in spectral and temporal noise gaps
- 10:30 **Wiebe Horst (UMC Groningen)**  
Input-output relations of auditory nerve fibers with low spontaneous spike rate
- 11:00 pauze
- 11:30 **Tom Goossens (TU Eindhoven)**  
A psychoacoustical model for discrimination between Gaussian noise tokens
- 12:00 **Hikke van Doorninck (EU Rotterdam)**  
Morphological and physiological defects in cochleae of deaf Gata3 knockout mice
- 12:30 Lunch
- 13:30 **Branislava Curcic-Blake and Sietse van Netten (RU Groningen)**  
Source localisation by the fish canal lateral line organ
- 14:00 **Dries Louage, Marcel van der Heijden, Philip Joris (KU Leuven)**  
Cochlear nucleus processing of auditory nerve code: relevance for binaural hearing
- 14:30 pauze
- 14:50 **Bas Meenderink (UM Maastricht)**  
Temperature dependence of anuran distortion product otoacoustic emissions: evidence for a passive and an active hearing organ in the frog
- 15:20 **Diek Duifhuis (RU Groningen)**  
Cochlear Modeling – some open issues, base, apex and 'traveling wave'
- 16:10 Vergadering van werkgroepleiders
- 16:30 Einde