

Curriculum vitae

Daniele Schön

Date/Place of birth 3rd of December 1972 (Padova, Italy)

UNIVERSITY STUDIES AND DIPLOMAS

- 1999 - 2002 Ph.D. in Neuroscience, University of Trieste, Italy & University of Aix-Marseille II ,
Supervisors: Prof C. Semenza & Dr. M. Besson (Italian-French co-tutored PhD
scholarship; final marks: honors of the jury)
- 1998 Master Degree in Psychology (5 years), Padova University (final mark: 110/110 cum
laude). Post-lauream University of Padova Scholarship.
- 1991 International Baccalaureate, United World College of the Adriatic, Duino, Italy
- 1983 - 1994 Cello Diploma, Conservatory of Padova, Italy, also including diplomas in Piano,
History and Aesthetics of music, Harmony, String Quartet, Orchestra.

PROFESSIONAL / RESEARCH EXPERIENCE

- Since 2004 Research Permanent Position at the Institute of Cognitive Neuroscience of the
Mediterranean,
CNRS, Marseille, France
- 2003 Fyssen Foundation Post-doc scholarship: music & emotions; simultaneous EEG &
fMRI acquisition; auditory system for fMRI.
- 2001-2005 Reviewer for Psychophysiology, European Journal of Cognitive Psychology, Music
Perception, Giornale Italiano di Psicologia.
- 2000-2002 Scientific collaboration France/Hong Kong (projet co-ordinator: M. Besson). Study of
pitch processing in tone languages.
- 2000-2002 Scientific collaboration with the Neurological Clinic of Ljubljana, Slovenia (Dr.
Lorber). Study of brain lesion musicians.
- 1999-2005 Lecturer for BA and MA: Psychology of Music, Faculty of Medicine (Speech-Therapy),
Padova, Italy
- 1998-1999 9 months stage in Clinic Neuropsychology at the Neurological Clinic of the Venice
Hospital and University of Trieste
- 1997 Schizophrenia treatment project by mean of Music Therapy, Psychiatric Hospital,
Padova, Italy.
- 1994-1999 Professional cellist

Publications

Articles

Schön D., Schirmer A., Ng E., Penney T., and Besson M. (submitted). Effect of phonemic and tone changes on semantic processing in Cantonese: a behavioural and ERP study.

Magne C, Schön D, Besson M (in press) Musician children detect pitch violations in both music and language better than non-musician children: Behavioral and electrophysiological approaches. *Journal of Cognitive Neuroscience*

Schön D, Regnault P., Ystad S., Besson M. (in press) Sensory consonance: an ERP study. *Music Perception*

Deruelle C, Schön D, Rondan C & Mancini J. (2005). Global and local music perception in children with Williams syndrome. *Neuroreport*, 16, 631-4.

Schön D., Besson M. (2005). Visually induced auditory expectancy in music reading: a behavioural and electrophysiological study. *Journal of Cognitive Neuroscience*, 17, 693-704.

Schön D., Lorber B., Spacal M., Semenza C. (2004) A selective deficit in the production of exact musical intervals following right hemisphere damage. *Cognitive Neuropsychology*, 21, 773-785.

Schön D., Magne C., & Besson M. (2004) The music of speech. A RTs and ERPs study of pitch contour in prosody and music. *Psychophysiology*, 41, 341-9.

Schön, D., Anton, J.L., Roth M., and Besson, M. (2002). An fMRI study of music sight-reading. *Neuroreport*, 13, 17, 2285-9.

Schön, D. & Besson, M. (2002). Processing pitch and duration in music reading: A RT – ERP study. *Neuropsychologia*, 40 (7), 868-878.

Besson M., Magne C., & Schön D (2002). Emotional differences in sensitivity to speech melody. *Trends in Cognitive Sciences*, 6, 10, 405-407.

Schön D., Semenza C. & Denes G. (2001) Oral reading of music: A selective deficit in one musical clef. *Cortex*, 37, 407-421.

Schön D, Semenza C, Denes G (1999) Naming of musical notes: A selective deficit. *Brain and Language*, 69, 3, 1, 452-455.

Chapters

Leigh Gordon R, Racette A, Schön D (in press) Sensory-motor networks in singing and speaking: a comparative approach, in *Music, motor control and the brain*, E Altenmüller, M Wiesendanger and J Kesselring Eds, Oxford University Press.

Besson, M. Magne, C., Regnault, P. & Schön, D. (in press) La musique sous l'électrode. In B. Lechevalier, F. Eustache, F. Viader, H Platel (Eds), *Le cerveau musicien*, Collection "Questions de personne", de Boeck Ed. Bruxelles

Besson, M. & Schön, D. (2003) Comparison between language and music. In *The biological foundations of music*, R. Zatorre & I. Peretz, Eds., Science and Medical Publications, Oxford University Press, Oxford, pp 267-293.

Schön, D. & Besson, M. (2002) Musica Maestro! In *Psychology at the turn of the millennium: Cognitive, biological and health perspectives*, Lars Bäckman & Claes von Hofsten, Eds (Vol I), pp 119-152.

Besson, M. & Schön, D. (2001) Comparison between language and music. In *The biological foundations of music*, R. Zatorre & I. Peretz, Eds., The New York Academy of Sciences, New York, NY, pp. 232-259.