

Report 2014 & 2015 of ACLC research group: Bidirectional Phonology and Phonetics

Coordinator: Paul Boersma (back-up: Silke Hamann)

Web page:

there are only the members' personal web pages, and the one on the ACLC website

Funding:

NWO-Vici €1,250,000 to Boersma (2009–2014), NWO-Promoties-in-de-Geesteswetenschappen €160,000 to De Jonge (2012–2016), and a UvA Brain & Cognition grant (2010–2014).

Participants in 2014 and 2015:

Paul Boersma (ACLC), senior researcher, coordinator

Silke Hamann (ACLC), senior researcher

David Weenink (ACLC), senior researcher

Arjen Versloot (Fryske Akademy and ACLC), senior researcher

Jeroen Vis (ACLC), teacher in Greek

Kateřina Chládková (ACLC), PhD candidate in Boersma's Vici-project,

subproject: "Finding phonological features in perception", September 2009 – September 2013;
postdoc in Paola Escudero's Australian Research Council project "Understanding different speakers versus different accents: apples & apples or apples & pears?", Sept. – Dec. 2013;
defended her thesis in March 2014

Karin Wanrooij (ACLC), PhD candidate in Boersma's Vici-project,

subproject: "The acquisition of linguistic categories: neuroscientific and computational perspectives", September 2009 – September 2013;
defended her thesis in April 2015

Jan-Willem van Leussen (ACLC), PhD candidate in Boersma's Vici-project,

subproject: "The emergence of French phonology", October 2009 – March 2014

Sophie ter Schure (ACLC/CSCA), PhD candidate in the Brain & Cognition project

"Models and tests of early category formation: interactions between cognitive, emotional, and neural mechanisms" on the subject of "Category learning across linguistic and object representation domains" (0.8 fte), September 2010 – September 2014;
defended her thesis in April 2016

Mirjam de Jonge (ACLC), PhD candidate (0.8 fte)

project: NWO Promoties in de Geesteswetenschappen "Primitives of phonological representations", September 2012 – September 2016

Klaas Seinhorst (ACLC), PhD candidate (0.5 fte)

project: "The learnability of phoneme inventories", September 2012 – February 2019

Jeroen Breteler (ACLC), PhD candidate (1.0 fte)

project: "Deconstructing pitch accent: a new perspective on word-prosodic typology",
November 2013 – November 2017

Dirk-Jan Vet, electronic engineer

Description

We explain the typology of sound systems by modelling phonology as well as phonetics bidirectionally (i.e. we model the speaker as well as the listener), and by modelling the acquisition and

