

# new perspectives

The Biolinguistics Network  
UQAM, September 25-27, 2011

## on LANGUAGE CREATIVITY

### COMPOSITION & RECURSION



Illustration: Patrizio Di Sciullo, *Geometria dell'ovale incisione su rame stampa in negativo.*

## Language creativity

This conference addresses central issues on the computational procedure that gives rise to the discrete infinity of language from a biolinguistic perspective. It aims to bring long lasting questions on language creativity into new light. It invites contributions on the properties of the composition operation and of the recursive procedure that might very well account for much of the progress made by the human species. It also invites contributions on the neuronal substrate of this computational procedure and raises the question whether this neuronal faculty sub serves grammar as well as other recursive systems, including mathematics and music. Finally, it invites contributions that deepen our understanding of the relations between biology and language impairments.

## the Biolinguistics Network

The International Network in Biolinguistics aims to foster research on the biological basis of the language faculty, linking theoretical linguistics, developmental psychology, theoretical biology, evolutionary biology and psychology, molecular biology, genetics, and physics.

[www.biolinguistics.uqam.ca](http://www.biolinguistics.uqam.ca)

## Speakers

Anna Maria Di Sciullo  
Roland Friedrich  
Peter Kosta  
Nirmalangshu Mukherji  
Pierre Pica  
Edward Stabler  
Henk C. van Riemsdijk

## Organizers

Anna Maria Di Sciullo  
Stanca Somesfalean  
Calin Batori

## Sponsors

- Social Sciences and Humanities Research Council of Canada:  
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