UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ

Department of Economics

Host: Univ.-Prof. Christoph Kuzmics PhD

INVITATION

Nicolás Rodríguez Gonzalez
(University of Arizona)

On the topic:

"The Geometry of Thought in Common-Interest Cheap-Talk Games"

This paper explores a multi-sender common-interest communication model. The state space
is infinite and multidimensional while senders are language-constrained, which makes full information
transmission infeasible. Efficient communication allows the receiver to process information
through convex sets provided that preferences satisfy a generalized single-crossing property.
These convex sets can be characterized by a finite set of hyperplanes. This convex mode of information
processing aligns with the cognitive psychology literature. Finally, the paper establishes
that efficient communication through languages with natural properties is generally unattainable,
which underscores the tension between the strategic aspects of language formation and
natural properties of language.

Date: June 11, 2024
Starting time: 4.45 p.m.
Location: HS 111.21/Beethovenstraße 8/2

All professors, lecturers, assistants and students are cordially invited to this lecture!