

## Phonetics, Phonology, Phonetic Typology

Convenor: Marzena Zygis

Despite their shared research objectives of comprehending human language and communication, phonetics and phonology have remained separate disciplines for decades. Nonetheless, also due to the advent and progression of Laboratory Phonology, these two domains have moved remarkably closer by exploring not only language-specific phenomena but also cross-linguistic patterns. The insights gained from phonetics and phonology are further enriched by evidence derived from e.g. psycholinguistics, sociolinguistics, computational linguistics, and, more recently, artificial intelligence (AI).

For this parallel session, we welcome submissions referring but not restricted to the following topics:

- **Phonemic Inventories**  
Explorations into phonemic inventories within languages, investigating the richness of sound systems as well as systematic and language-specific gaps.
- **Synchronic and Diachronic Phonological Processes**  
Studies delving into phonological processes, both in their current synchronic states and through diachronic perspectives. This includes research on processes such as e.g. voicing assimilation, nasalization, trilling, affrication, glottalization, implosivization, and others.
- **Phonotactics and Preferred Patterns**  
Examination of phonotactic rules and preferred patterns in language, shedding light on the structural constraints governing the sequencing of phonemes and their effects on linguistic phenomena.
- **Prominence, Boundary Effects, Rhythm, and Intonational Patterns**  
Investigations into prosodic features, including the prominence of syllables or words, boundary effects in speech, rhythmical aspects, and intonational patterns that contribute to the prosodic structure of languages.
- **Gestures, Facial Expressions, and Speech:**  
Exploration of the relationship between non-verbal communication, such as gestures and facial expressions, and speech production and perception, with a focus on how these multimodal cues interact in language.

Researchers are encouraged to submit papers that address these (and related) topics and contribute to their understanding from diverse perspectives and methodologies.