

# Capturing emotions in vocal expressions: The impact of different theoretical approaches on acoustic profiles.

*Wednesday, September 25, 2024 2:30 PM (20 minutes)*

Over the past two decades, the field of emotion research has experienced significant growth and diversification, resulting in a proliferation of conflicting notions and results. This contribution explores various methodologies and tools for capturing emotions in vocal communication, guided by four prominent theoretical perspectives on emotion: basic emotions theory, dimensional approach, appraisal theory, and the theory of constructed emotion. Each theory seems to prefer distinct methodologies and vocal parameter configurations, potentially leading to divergent outcomes. Basic emotions theory employs acoustic feature identification for straightforward emotion categorization, while dimensional approach considers emotions along underlying acoustic dimensions. Appraisal theory examines how vocalizations reflect subjective evaluations, while the theory of constructed emotion advocates dynamic, context-driven analyses of spontaneous emotional expression. The resulting acoustic profiles are shaped by the underlying theoretical viewpoints, influencing how emotions are measured and acoustically represented. An integrative framework is proposed to reconcile the four perspectives. This underscores the importance of comprehensive synthesis and further research to elucidate the complexity of emotion recognition in vocalizations, with implications for theories of emotion.

**If you're submitting a poster, would you be interested in giving a blitz talk?**

**If you're submitting a symposium talk, what's the symposium title?**

Breaking Boundaries: Addressing Diversity in Methodological Approaches to the Measurement of Affective Experience.

**If you're submitting a symposium, or a talk that is part of a symposium, is this a junior symposium?**

Yes

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