



## Diariation of **SP**earer and **LA**nguage in **CO**nversational **E**nvironments [DISPLACE]



Track 1 : SD	S1	S2	S1	S2					
Track 2 : LD	English	Hindi	English	Hindi	English	Hindi	English	Hindi	English
Track 3 : ASR	Hi! How are you?	Hello! मैं अच्छा हूँ। आप कैसे हैं?	I am also good. आज आप world cup देखने आ रहे हैं?	आज के लिए so sorry. I am busy today. Next match के लिए I will definitely join you.					

SD: Speaker Diariation ; LD : Language Diariation ; ASR: Automatic Speech Recognition

### A Challenge in Interspeech-2024\*

#### Event Date

Registration Opens  
15 Dec 2023

#### Contact Us

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#### Website

<https://displace2024.github.io/>

#### Organizers

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The goal of the **Second DISPLACE challenge** is to motivate researchers in speech science to investigate frequent code-switching/code-mixing in multilingual and multi-accent data.

Summary of the DISPLACE Challenge 2023 - [Click here](#)

In multilingual communities, social interactions involve frequent use of multiple languages mixed in with their native language as well as other known languages. Such scenarios are highly challenging to the various state-of-the-art speech-based systems.

Does the presence of multilingual speech, where the same speaker speaks in multiple languages, imposes challenges to the current speaker diarization systems?

Are the existing language diarization models equipped to deal with multi-speaker scenarios?

Are the current ASR systems able to transcribe code-mixed/ code-switched speech with varied native accents accurately?

These questions are the spark behind DISPLACE-2024 Challenge, aimed at uncovering scientific insights and engineering solutions within the realms of speaker diarization, language diarization and ASR systems.

The DISPLACE-2024 Challenge provides access to a multilingual informal conversational dataset gathered from speakers who are fluent in major Indian languages and English (Indian accent).

The selected submissions will be presented in a special session at Interspeech-2024\* (if accepted), the flagship conference of global speech science and technology community, to be held in Greece, during 1-5<sup>th</sup> September 2024.

*Come forward  
&  
**DISPLACE**  
the current methods with  
your findings!*



\* Pending approval of special session for Interspeech 2024. If not, the submissions will be treated as regular papers at Interspeech

