

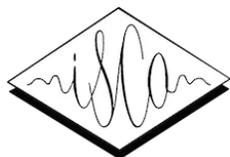


CNSRC 2022

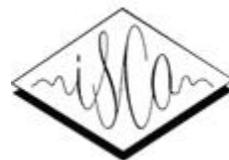
CN-Celeb Speaker Recognition Challenge 2022

Odyssey-CNSRC 2022 Workshop

27 June 2022, Beijing, China



CN-Celeb Speaker Recognition Challenge (CNSRC) 2022



Motivation

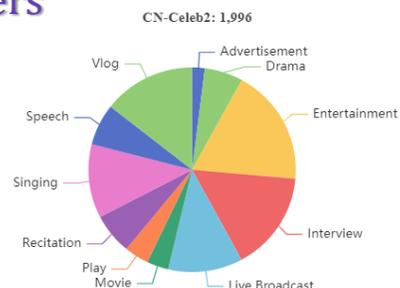
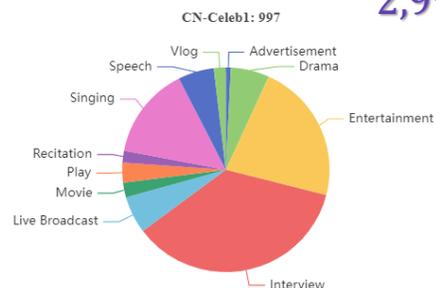


Does speaker recognition really work?

CN-Celeb



2,993 Speakers



■ Advertisement
 ■ Drama
 ■ Entertainment
 ■ Interview
 ■ Live Broadcast
 ■ Movie
 ■ Play
 ■ Recitation
 ■ Singing
 ■ Speech
 ■ Vlog

Topology	Pooling	Loss	SITW	CN-Celeb.E
ResNet-34	TSP	AAM-Softmax	1.96	16.51
ResNet-34	SAP	Softmax	2.16	17.33
ResNet-34	SAP	AAM-Softmax	2.30	16.52

[1] Y.Fan, J.W.Kang, L.T.Li, K.C.Li, H.L.Chen, S.T.Cheng, P.Y.Zhang, Z.Y.Zhou, Y.Q.Cai, D.Wang*, CN-Celeb: A Challenging Chinese Speaker Recognition Dataset, ICASSP, 2020

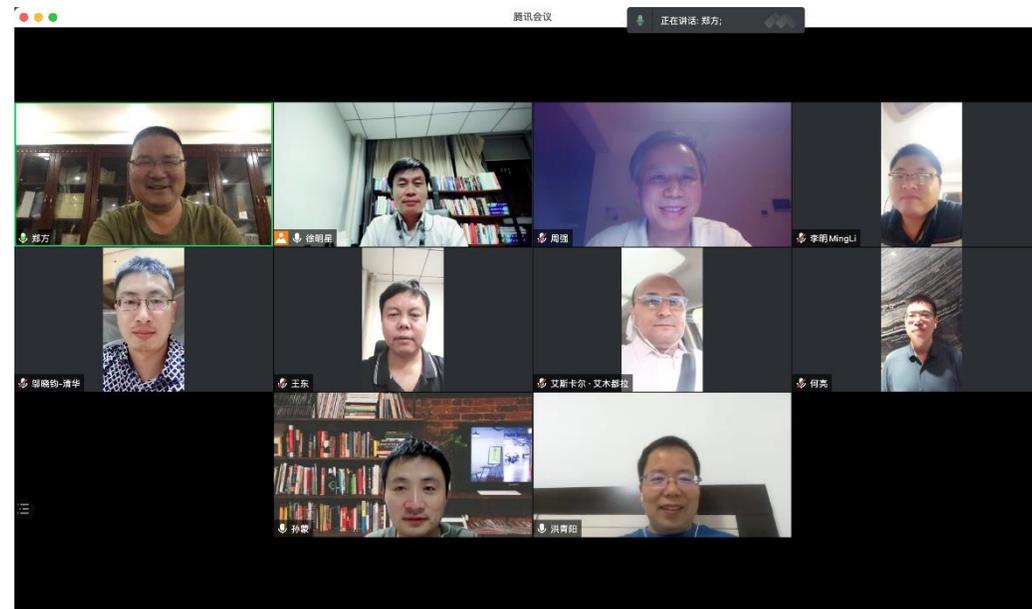
[2] L.T.Li, R.Q.Liu, J.W.Kang, Y.Fan, H.Cui, Y.Q.Cai, R.Vipperla, T.F.Zheng, D.Wang*, CN-Celeb: multi-genre speaker recognition, Speech Communication, 2022

Initialization

Odyssey preparation meeting
2021/08/11

Discussion on NCMMSC 2021
2021/10/17

Evaluation plan release
2022/01/13



CNSRC 2022 Evaluation Plan

DONG WANG, Center for Speech and Language Technologies, Tsinghua University, China
QINGYANG HONG, School of Informatics, Xiamen University, China
LANTIAN LI, Center for Speech and Language Technologies, Tsinghua University, China
WENQIANG DU, Center for Speech and Language Technologies, Tsinghua University, China
YANG ZHANG, Shenzhen International Graduate School, Tsinghua University, China
TAO JIANG, Xiamen TalentedSoft Co. Ltd, China
HUI BU, Beijing Shell Shell Technology Co. Ltd, China
XIN XU, Beijing Shell Shell Technology Co. Ltd, China

1 INTRODUCTION

The CN-Celeb Speaker Recognition Challenge 2022 (CNSRC 2022¹) aims to evaluate how well the current speaker recognition methods work in real world scenarios, usually with in-the-wild complexity and real-time processing speed. The challenge is based on CN-Celeb, a large-scale free database with the most real-world complexity so far. This document describes the task, performance metric, data, and evaluation protocol of CNSRC 2022.

Compared to other challenges/evaluations such as NIST SRE and VoxSRC, CNSRC 2022 holds the following features:

Organization committee



Dong Wang



Qingyang Hong



Lantian Li



Hui Bu



Xin Xu



Tao Jiang



Wenqiang Du

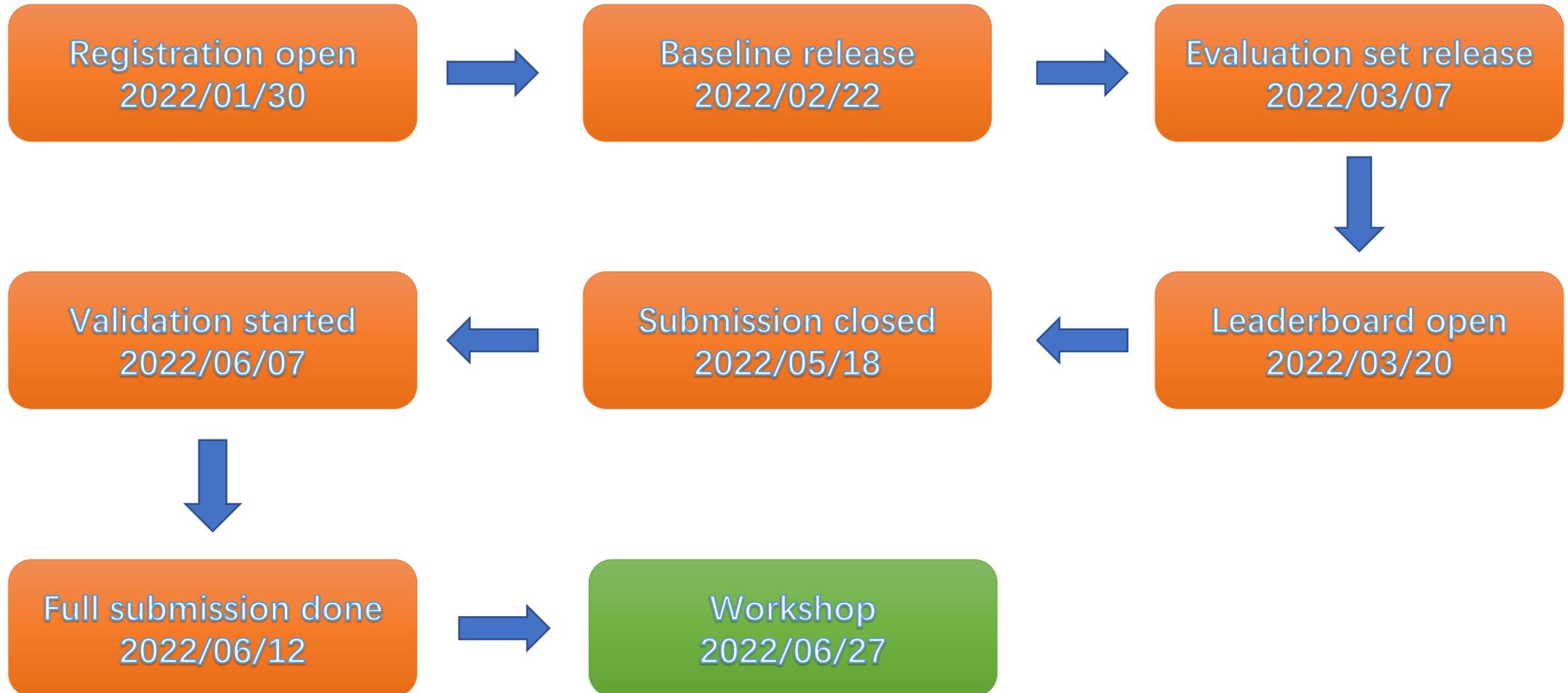


Liang Yan



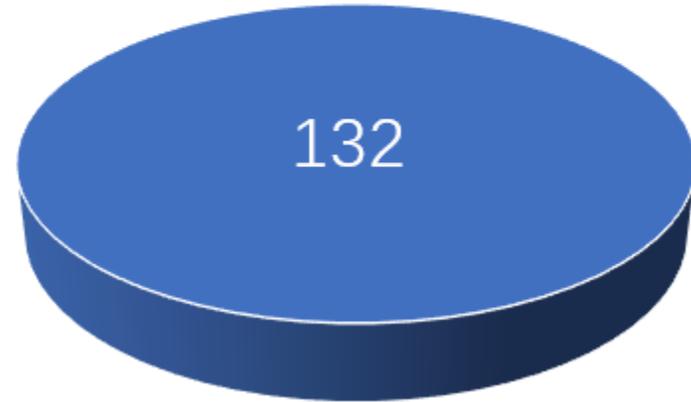
Jie Wang

Timeline

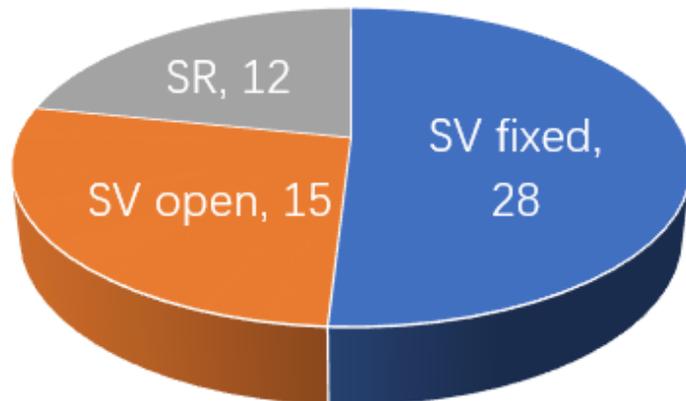


Statistics

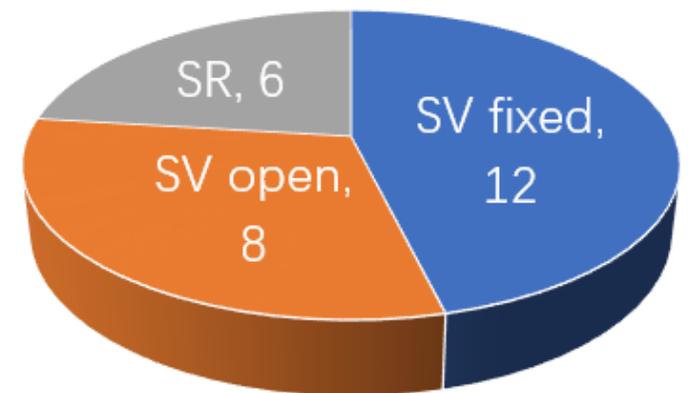
Registration



Total submissions



Valid submissions



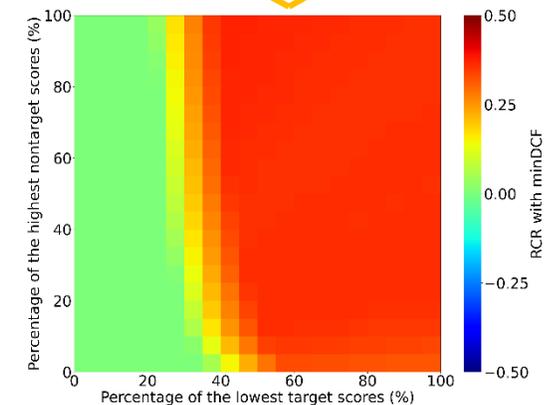
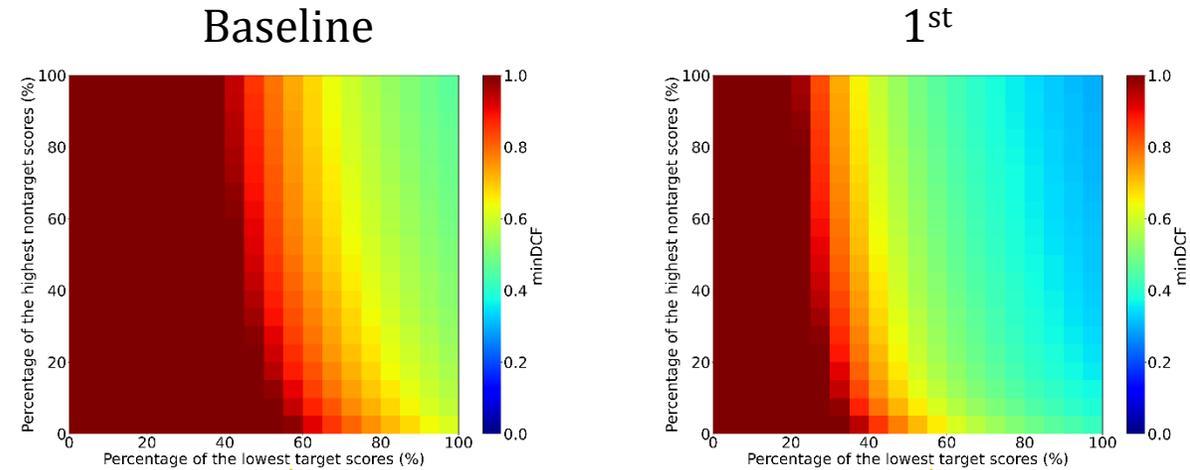
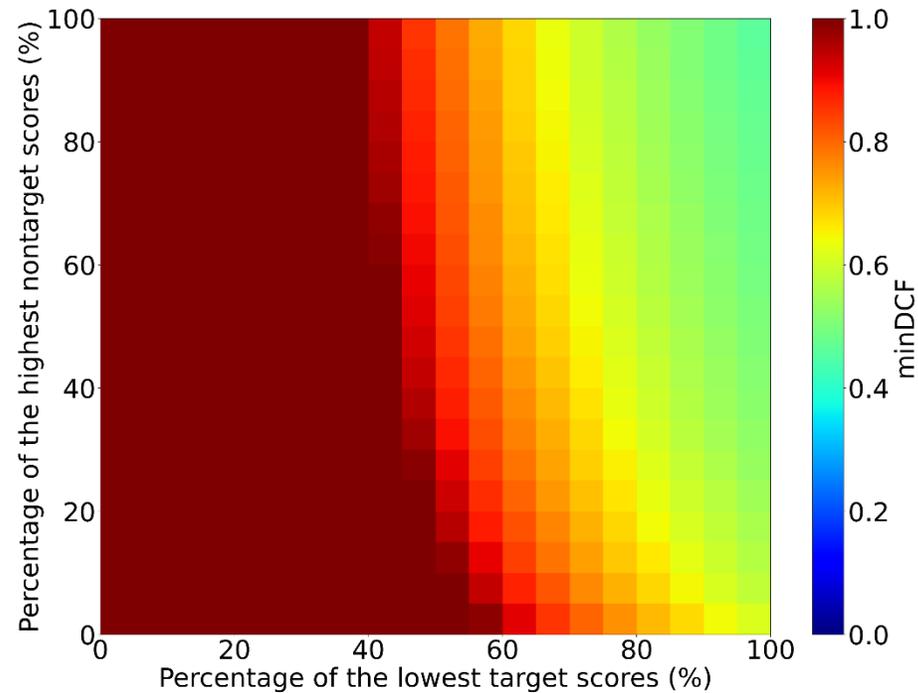
Key feature of CNSRC (1)

- Towards real-world complexity



Key feature of CNSRC (2)

- Towards complete evaluation
 - CP-map for multi-config evaluation
 - Odyssey presentation, 6.30, 11pm



Key feature of CNSRC (3)

- Towards white box challenge
 - Evaluation phase + Verification phase



Volunteer work

The screenshot shows the CNSRC 2022 website interface. At the top, there are navigation tabs: TASKS, EVALUATION, DATA, REGISTRATION, and BASELINE. Below the navigation is a grid of small video thumbnails. A table is overlaid on the right side of the grid, showing the leaderboard for Task 1 SV: Fixed Track. The table has columns for Rank, TeamID, and SubmitTimes.

Rank	TeamID	SubmitTimes
1	T082	2
2	T022	3
3	T106	2
4	T057	1
5	T095	2
6	T121	3

The banner for CNSRC 2022 (声纹识别竞赛研讨会) features a dark blue background with a network pattern. It includes the event title in English and Chinese, a date and time (2022/6/27 20:00-22:00), and logos for Tsinghua University, Peking University, and AISHELL (希尔贝壳).

Welcome to the first CN-Celeb speaker recognition challenge, CNSRC 2022! The challenge aims to probe how well the current speaker recognition methods perform in real-world scenarios, including with in-the-wild complexity and real-time processing speed.



Xin Xu



Tao Jiang



Wenqiang Du



Liang Yan



Jie Wang

Supporting teams



FFSVC2022 at Interspeech 2022

- Far-field speaker recognition
- <https://ffsvc.github.io/>

Schedule

- April 15th, 2022 : Releasing the FFSVC 2022 evaluation plan and starting the registration.
- April 20th, 2022 : Opening the submission system and releasing supplementary/dev/eval sets
- July 3th, 2022 : Deadline for registration.
- July 10th, 2022 : Deadline for results submission.
- July 15th, 2022 : Deadline for system description submission
- July 24th, 2022 : Deadline for workshop paper submission
- Aug 20th, 2022 : Workshop paper acceptance notification
- Sep 17th, 2022 : Interspeech 2022 Satellite Workshop

