

Codalab Competition

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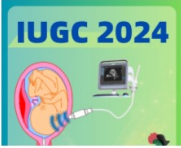
2024.05.10

Introduction

- Our two final project challenges are hold on Codalab competition server.

Competitions (My CodaLab)

Competitions Competitions I'm In Competitions I'm Running My Datasets

	<p>ICPR 2024 Competition on Moving Object Detection and Tracking in Satellite Videos Track 1.</p> <p>Organized by xxx666</p>	<p>Jun 19, 2024-Jul 10, 2024</p> <p>43 participants</p>
	<p>SatVideoDT 2024 Challenge on Moving Object Detection and Tracking in Satellite Videos Track 2.</p> <p>Organized by xxx666</p> <p>None</p>	<p>Jun 19, 2024-Jul 10, 2024</p> <p>2 participants</p>
	<p>MICCAI IUGC 2024: Intrapartum Ultrasound Grand Challenge</p> <p>Organized by maskoff</p> <p>Welcome to Intrapartum Ultrasound Grand Challenge 2024 (IUGC 2024)! The challenge was accepted by MICCAI 2024!</p>	<p>Jun 10, 2024-Sep 11, 2024</p> <p>49 participants</p>

Competition Links

- VIVOTEK: Real-Time Monitoring of Door Status in Public Transit System
 - Link: [VIVOTEK Competition](#)
- MediaTek: Global Motion Compensation
 - Link: [MediaTek Competition](#)

Please register for the corresponding topic after we announce the final selection of topics.

Please read all the rules carefully

[Learn the Details](#) [Phases](#) [Participate](#) [Results](#)

[Overview](#)
[Evaluation](#)
[Terms and Conditions](#)

MediaTek Global Motion Compensation Challenge

Introduction

This is the final project competition of the Computer Vision Course (Spring 2024, National Taiwan University) sponsored by MediaTek. In this final project, you are required to design a Global Motion Compensation (GMC) system to remove temporal redundancy of a video with global motion.

For more information, you can see the pdf files and videos on NTU cool.

Data

The details are in the "Participate/Get Data" page.

Registration and Submission

The details are in the "Terms and Conditions" page.

Notes

Important Dates

- Evaluation Server Open: 2024/05/11 00:00 GMT+8
- Evaluation Server Close: 2024/06/07 23:59 GMT+8

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[Overview](#)
[Evaluation](#)
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Real-Time Monitoring of Door Status in Public Transit Systems

Introduction

This is the final project competition of the Computer Vision Course (Spring 2024, National Taiwan University) sponsored by Vivotek.

Registration of the Competition

Only the team leader can register.

Motivation

An Automated Passenger Counter (APC) is an electronic device installed on transit vehicles, such as buses and trains, to record the times and locations of passenger boarding and disembarking. This data is crucial for travel patterns and enhancing the operational efficiency of transportation services.

The APC relies on real-time signals from vehicle doors to determine when they open and close, initiating the counting process accordingly. However, integrating APC systems with the door status signals of public transit vehicles can be challenging due to difficulties in accessing and correctly connecting the wiring.

To overcome this, there is a need for a vision-based automatic door status monitoring technology that eliminates the dependency on external wiring for door status signals.

Important Dates

- Evaluation Server Open
 - 2023/05/11 00:00 (GMT+8)
- Evaluation Server Close
 - 2023/06/07 23:59 (GMT+8)
- UTC: (GMT+0)

Only the team leader can register

- The registration needs our approval.
- The team leader can register now!

[Learn the Details](#) [Phases](#) [Participate](#) [Results](#)

You have not yet registered for this competition.

To participate in this competition, you must accept its specific terms and conditions. After you register, the competition organizer will review your application and notify you when your participation is approved.

☐ I accept the [terms and conditions](#) of the competition.

Register

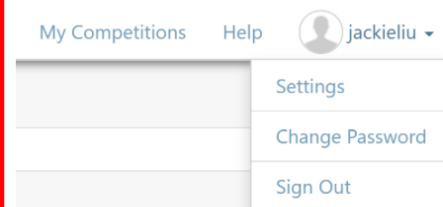
Team Name

- 題目分配表單: [link](#)

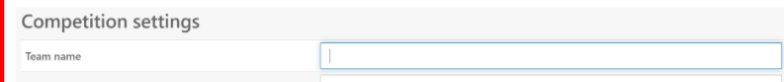
Registration

Only the team leader needs to register with a codalab account. The e-mail of that account should be the NTU or NTUST mail.

After login, in the setting page of the account (Fig. 1), you should enter your team name (Fig. 2).



(Fig. 1)



(Fig. 2)

- Please fill in your team name in 最終選題目表單, and use the name for registration

Although this Codalab competition can combine users into team, it cannot share the total number of submissions. Thus, **one team can only have one account for this competition**. You need to wait for the organizer to approve your registration that you can start to submit your solution.

- The registration status will be shown on this form, and we kindly request all team leaders to **register** their accounts **as soon as possible**.

A	B	C	D	E	F	G	H
組別	組名	組長	組員2	組員3	組員4	聯絡信箱	已登錄
VIVOTEK Real-Time Monitoring of Door Status in Public Transit Systems							
1	Nitamader	嚴寬	邱瑞彬	廖沁柔			
2		林宸宇	翁菀玲	陳致翰	陳德維		
3	第二十五組	黃梓豪	洪國維	錢思達	陳致揚		
4	還在想	林澤煒	黃茂愷	陳祥瑜	張鈺靖		
5		吳東鴻	陳可瀚	葉恩育	鄭佳渝		
6	鵲鵲鵲鵲鵲	江彥辰	胡淨中	陳彥安			
7	兄弟 轉身 有急事	陳富銘	吳炯融	楊晏永	黃芯柔		
8		陳慕義	林琮恩	方嘉麟			
9	喵喵喵喵	吳玉文	吳悠	林佳駿	鍾皓勳		
10		彭亞綺	鍾國凱	石博允	林新晨		
11	cv三缺一	王維勤	謝銘倫	楊伶予			
12		黃顯	廖珀毅	楊凱程			
13		林俊丞	謝帛誼	薛宇庭	梁瑞琪		
14	我亂取了一個	李沛宸	林祐辰	許景清	吳典獻		
15		王奎鈞	陳祈佑	黃子齊			
16	逍遙雀士	郭定緯	戴瑋佑	魏振宇			
17	還沒想到	林冠汝	楊健宏	蔡瑞展			
18		葉芳瑜	王嘉瑞	羅文頌	黃逸平		
19		傅啟恩	吳承義	劉庭均			
20	cv 剛剛好	彭麗華	黃光磊	宋鳳儀	高子雯		
21		陳竣瑋	賴柏瑋	黃詠恩	邱煒甯		
22		詹文宸	楊秉峰	吳名洋	陳祈安		
23	工作分配分母只有一QQ	廖致豪	李怡函	黎欣慈	X		
24	哈哈	李冠儒	鍾亭勳	渠立宇	曾柏穎		
25	康品睿	吳庭毅	林沛翰	陳威儒	蕭予芊		
26	翰勻儒芊	郭昱翰	孔千勾	陳威儒	蕭予芊		
27		林奕辰	郭相愷	麥心宇	陳韋傑		
28	你嘛邦邦忙	張舜凱	徐詩婷	洪儀恬	薛清文		
29		楊耀凱	蔡岳峰	張均豪	孫振庭		
30		張朝晴	吳柏獻	朱柏誠			
31		王彥宗	黃千香	林昀禾			
組別	組名	組長	組員2	組員3	組員4	聯絡信箱	已登錄
MediaTek Global Motion Compensation							
1	還在想	李勝維	葉奎均	鄭雅勻	游一心		
2	UuUuUuUu	洪昊天	陳冠言	陳瑞慈	魏麒凌		
3	想ing	謝宗翰	吳凱濤	張嘉仁			
4	安狗狗	王仁杰	蔡宗霖	劉冠亨			

Leaderboard

The team name will be shown here

Results						
#	User	Entries	Date of Last Entry	Team Name	Recall ▲	Precision ▲
1	zslin	2	05/10/24	2024 CV TAs	1.0000 (1)	0.5000 (1)

#	SCORE	FILENAME	SUBMISSION DATE	SIZE (BYTES)	STATUS	✓	
1	0.66667	solution.zip	05/10/2024 05:15:50	4352	Finished		—
<div>Description:</div> <div></div> <div>update description</div> <div>Download your submission View scoring output log View scoring error log Download output from scoring step Download private output from scoring step</div> <div>Submit to Leaderboard</div>							
2	1.0	solution.zip	05/10/2024 05:17:04	4566	Finished	✓	—
<div>Description:</div> <div></div> <div>update description</div> <div>Download your submission View scoring output log View scoring error log Download output from scoring step Download private output from scoring step</div> <div>Remove from Leaderboard</div>							

You can select one of the submissions to show on the leaderboard

Contact

- VIVOTEK:
 - zslin@media.ee.ntu.edu.tw (林子軒)
- MediaTek:
 - ykhsieh@media.ee.ntu.edu.tw (謝郁楷)