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Grand Challenge

<https://grand-challenge.org/challenges/>

overview of all challenges that have been organized within the area of medical image analysis

Some challenge require copyright forms or special privacy agreements. Please choose a challenge in which the data is freely distributed (at least the training set).

Grand Challenge Challenges Algorithms ***

Sign In Register

Filter Challenges

269 challenges found

Challenge Name	Participants	Articles	Year
Chest XR COVID-19 detection	160	128	2021
MIDOG Challenge 2021	161	246	2021
QUBIQ2021	295	305	2021
Edinburgh Napier University BAE Systems EMSIG	9	1	2021
WSSS4LUAD	364	1,394	2021
SARAS-MESAD	164	41	2021
DFUC2021	101	646	2021
AutoImplant Challenge	150	1	2021
fastPET-LD	61	34	2021
FeTA Challenge	298	1	2021
Breast Cancer Segmentation	347	1	2021
NuCLS	275	1	2021

Rules of the game:

- **ALL the students should prepare a presentation about one chosen challenge**
- **The presentation is individual, and it cannot be done in collaboration with other students.**
- **IF two (or more) students choose the same challenge by chance, please do not share information with your colleagues to avoid plagiarism**

Presentation

Format:

The presentation should be 5 slides long

It should contain

- 1) Clinical background of the challenge (why it is relevant, which pathology, current clinical status)**
- 2) If there is a paper or a table summarizing the results, please report the metrics and analyze the results. Compare the different methods and detail why the challenge winner perform better then the other methods.**
- 3) During the third practical session of DLMIA you will be required to implement a method of that challenge [the more it is complex, the higher is the score you may obtain.]**
- 4) Choose one method of a challenge participant, and describe the method and why it is challenging. Compare your choice against the other challenge methods.**

Delivery and presentation day

ALL the student should upload their presentation before 4/10.

Students from group A will present on 18/10

Students from group B will present on 22/11

- * Please check the group you belong in the campus virtual.**
- * In case you cannot attend class on the given day, you can switch with a colleague (no need to notify to the teacher).**



Thanks

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