Special conditions for the execution of the task
Sport Task: Fine Grained Action Detection and Classification of Table Tennis Strokes from videos

PREAMBULE :

The ComputeR vIsion for Sport Performance - CRISP project was initiated between the Faculty of Sports STAPS of the University of Bordeaux, the LaBRI/Université de Bordeaux, the MIA lab./La Rochelle University. It is supported by the CNRS federation MIRES and the New Aquitaine Region in the framework of an "APP Recherche".

The goal of this project is to develop artificial intelligence and multimedia indexing methods for the recognition of table tennis sports activities. The aim is to evaluate the performance of athletes, with a particular focus on students, in order to develop optimal training methods. To that aim, a video corpus was recorded with volunteered players. These data represent a great scientific interest for the Multimedia community participating in the MediaEval campaign.

DEFINITIONS :

For the purposes of these Special Conditions of Use, the following definitions shall apply:

Image(s) : video recordings of sports activities of table tennis shot by STAPS and LaBRI.

User : research laboratory partners of the MediaEval programme that have signed the **Usage agreement for the MediaEval 2022 Research Collections** with the University of Delft.

Article 1. – Purpose of the special conditions

These Special Conditions apply to the use of Images generated in the framework of the program **Sport Task: Fine Grained Action Detection and Classification of Table Tennis Strokes from videos**, for the implementation of the MediaEval program.

They constitute the specific usage agreement referred to in the **Usage agreement for the MediaEval 2022 Research Collections**, signed between the User and the University of Delft.

The full and complete acceptance, without any reservation, of these Special Conditions constitutes a mandatory prerequisite for the provision of the Images as part of the MediaEval programme. This acceptance is made by sending a mail to mediaeval.sport.task@diff.u-bordeaux.fr specifying acceptance of the usage conditions: « *I Accept the Usage Conditions* » in the email body.

Article 2. – Image License Agreement

The User is granted a non-exclusive license to use the Images under the conditions specified in these Special Conditions.

Article 3. – Usage of images

In accordance with § 1 of the Permited Uses section of the **Usage agreement for the MediaEval 2022 Research Collections**, the Images may only be used for research and development purposes, as well as for teaching purposes, as part of the MediaEval programme

The Images may under no circumstances be used for commercial purposes.

The Images, may be downloaded for research and development purposes under the conditions specified in Article 3.

The Images are reserved for the exclusive use of the User and may under no circumstances be provided to a third party, whether by handing over copies, downloading, accessibility via a hypertext link, etc.

Images may be used for the purpose of publishing research results in national or international journals, in any format and dissemination modality (paper, digital, online...), provided that the players are not identifiable. By accepting these Special Conditions, the User expressly undertakes to implement the technical means necessary to obscure the faces (blurring, black banner, etc.) before any publication. The User is solely responsible for this.

This article must be assessed restrictively: no use other than those mentioned above is authorised.

Article 4. – Availability of Images

The video files of the learning and test corpus as well as the annotation files of the learning corpus are available from the LaBRI website[1]. The user obtains access to the data after having accepted these conditions and receives the download password by e-mail.

The data remain available on the site until December 15th, 2022.

The website is hosted by the LaBRI: Laboratoire Bordelais de Recherche en Informatique in France.

To access the Images, the User will be given a login and a password.

The website is accessible to the User 24 hours a day, 7 days a week, except for maintenance and restructuring operations and unless otherwise specified.

Article 5. – Referencing

Any use of the Images must be referenced and indicate the elements below concerning the original database:

Pierre-Etienne Martin; Jenny Benois-Pineau; Renaud Péteri; Julien Morlier, « Sport Action Recognition with Siamese Spatio-Temporal CNNs: Application to Table Tennis », in Proc. 2018 International Conference on Content-Based Multimedia Indexing (CBMI), DOI: 10.1109/CBMI.2018.8516488, CRISP 2017-1R50110-00013387

Article 6. – Conservation of images

The Images are only intended for the execution of the MediaEval program.

The User undertakes to destroy the Images by 1 October 2022 at the latest, unless an express extension is requested from LaBRI 90 days before the end of the term.

Article 7. – Warranties and liabilities

The LaBRI guarantees that the User has collected the authorizations of the natural persons present in the Images for uses strictly limited to those referred to in Article 3.

The University of Bordeaux holds the intellectual property rights on the Images and on the database containing them. Any other use of the Images by the User than those provided for in Article 3 shall engage the User's liability.

In the event of a scientific publication, the User expressly undertakes to implement the concealment of players' faces in accordance with the provisions of Article 3 in order to preserve their image rights and to avoid any possible identification. The User is fully responsible for any use of the Images that neglects this occultation.

The User expressly undertakes to implement the necessary computer and physical security to limit the use of the Images to the framework strictly set out in Article 3. The User is fully responsible for any use of the Images that may result from a security breach.

The User shall ensure the confidentiality of the identifiers provided to him/her, as stated in Article 4. He undertakes to communicate them only to persons involved in the execution of the MediaEval programme and is liable in the event of communication of identifiers to third parties.

Article 8. – Termination of contract

In the event of a breach by the User of any of the provisions of these Special Conditions, LaBRI reserves the right to close access to its site without notice and to terminate the execution of the research program to which the User has committed himself.

Article 9. – Applicable law

These Special Terms and Conditions are subject to French law and remedies shall be exercised before the competent French courts.

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[1]https://www.labri.fr/projet/AIV/MediaEval/2022/