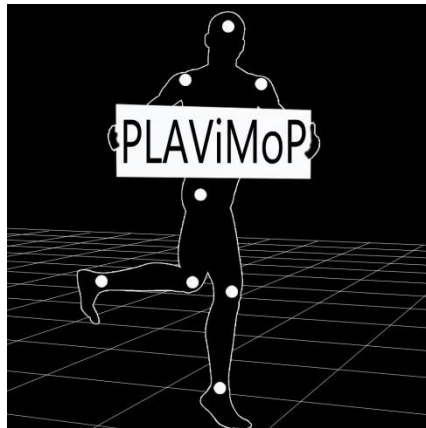


PLAViMoP Database

User Manual

Version 1 – 2018

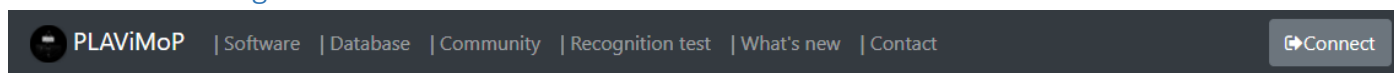


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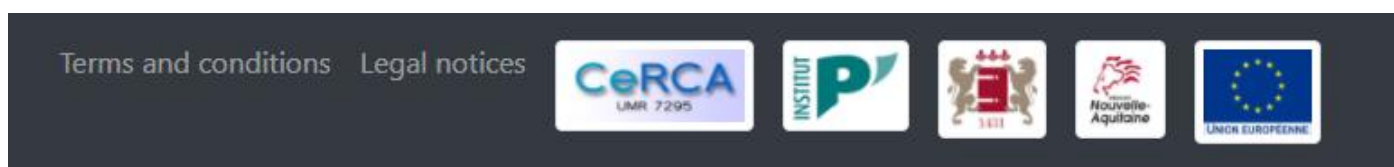
1 Navigation

1.1 Header navigation



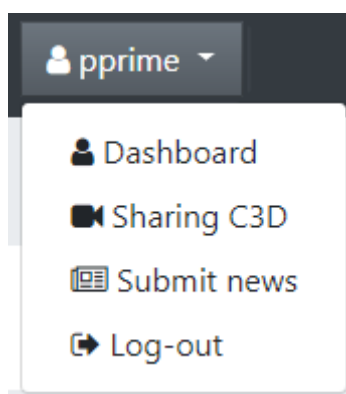
- PLAViMoP : Description of Point Light Action Visualization and Modification Platform
- Software : Software information
- Database : PLAViMoP Database
- Community : Information about the community
- Recognition test : Launch recognition test
- What's new : Follow the actuality about PLAViMoP and get access to scientific articles and material featuring PLAViMoP
- Contact : Contact us !

1.2 Footer navigation



- Terms and Conditions
- Legal notices
- Partners : Cerca, Institut P', University of Poitiers, Nouvelle Aquitaine, European Union

1.3 User menu



- Dashboard : Access to your dashboard
- Sharing C3D : Submit new acquisition need role contributor
- Submit news: Sharing materials (articles, experimental materials, press...) need role contributor
- Log-out

2 Access roles

Functions	Visitor		Registered user (login)	
	No registration	PLAViMoP User	PLAViMoP Contributor	
Search within sequences of in PLAViMoP Database	X	X	X	
Visualize m4 previews in PLAViMoP Database	X	X	X	
Recognition test	X	X	X	
Obtain information on the construction of each movement		X	X	
Download C3D		X	X	
Download PLAViMoP Software		X	X	
Feedback, question		X	X	
Sharing C3D			X	
Sharing materials (articles, experimental materials, press...)			X	

3 PLAViMoP Database

3.1 Motion list

3.1.1 Overview

The screenshot displays the PLAViMoP database interface. On the left, a filter sidebar (A) includes sections for Health (Normal), Participant (Female, Male, Male-Female), Motricity (Global), Category (Day life, Sport), Type (Human), Action (text input), and Object (text input). At the bottom of the sidebar are 'Reset' and 'Search' buttons. At the top, a paginator (B) shows 'All results : 1 to 8 out of 85' with page numbers 1, 2, 3, ..., 11. The main area contains a list of motion cards (C). Each card includes a title (e.g., 'Acquiesce Man'), a 'Tags' section with buttons for Normal, Male, Global, Day life, Human, Acquiesce, and None, a 'Show details' button, a video thumbnail, and an 'Acquisition' section with a file ID and format (e.g., '#1374: .c3d .mp4'). The video thumbnails show a dark scene with white dots representing motion points.

A Motion filter

B Paginator : Number of filtered results

C Motion card

3.1.2 Motion filter

The screenshot shows a filter interface with the following sections:

- Health**: Normal
- Participant**: Female Male Male-Female
- Motricity**: Global
- Category**: Day life Sport
- Type**: Human
- Action**:
- Object**:
- Buttons: **Reset** (B) and **Search** (C)

Annotations:

- A**: Points to the vertical orange bar on the left side of the filter panel.
- B**: Points to the **Reset** button.
- C**: Points to the **Search** button.

Legend:

- A** Tags' selector
- B** Resetting current selection
- C** Submit form

3.1.3 Motion card

The screenshot shows a motion card with the following elements:

- Acquiesce Man** (A)
- Tags**: Normal Male Global Day life Human Acquiesce None
- Show details** (B)
- Acquisition**: #1374: **.c3d** (D) **.mp4** (E)
- Motion preview** (C): A video player showing a starry sky scene with a pause button, a 0:01 timer, a progress bar, and download icons.

Annotations:

- A** Motion title
- B** Go to motion page
- C** Motion preview
- D** Download .cd3 need role user
- E** Download .mp4

3.2 Motion details

3.2.1 Overview


Motion : Catch Woman

Associated Tags :

Health **Normal** Participant **Female** Motricity **Global** Category **Day life** Type **Human** Action **Catch** Object **None**

Acquisition #1381

[Download c3d](#) **D** P' Institute

**A**

Process **B**

- Frame rate (Hz) : 100
- Number of markers : 19
- Motion capture system's name : Vico-Nexus
- Number and type of camera : 20 MX-T40 cameras
- [Full description](#) **C**

Recognitions

• Number of inquiries : 1
• Recognition rate : 33 %

[Details on recognitions \(CSV\)](#) **F**

Participant	Action	Object
Female-Female 100%	Acquiesce 100%	None 100%

A Acquisition preview

B Acquisition process details

C Obtain information on the construction of each movement **need role user**

D Download .cd3 **need role user**

E Recognition overview

F Download recognitions detail .csv **need role user**

4 User dashboard

4.1 Overview

Dupont Martin A

Email : martin.dupont@email.com Interest for PLAViMoP :
Institute : P' Institute Short description of interest for PLAViMoP

Country : France

Role : User

[Edit profile](#) | [Change password](#) | [Become a new contributor](#) | [Get PLAViMoP software](#)

Acquisition 85 B

- 🔗 #1374 Acquiesce Man Valid ✎ 🗑
- 🔗 #1375 Acquiesce Woman Valid ✎ 🗑
- 🔗 #1376 Applaud Man Valid ✎ 🗑
- 🔗 #1377 Applaud Woman Valid ✎ 🗑
- 🔗 #1378 Attack Duo Valid ✎ 🗑
- 🔗 #1379 Carry Duo Valid ✎ 🗑
- 🔗 #1380 Catch Man Valid ✎ 🗑
- 🔗 #1381 Catch Woman Valid ✎ 🗑
- 🔗 #1382 Come With Me Woman Valid ✎ 🗑
- 🔗 #1383 Crawl Man Valid ✎ 🗑
- 🔗 #1384 Crawl Woman Valid ✎ 🗑
- 🔗 #1385 Cross Oneself Man Valid ✎ 🗑
- 🔗 #1386 Cross Oneself Woman Valid ✎ 🗑

Acquisition process 1 C

Acquisition Process 1 85 + ✎ 🗑

- Frame rate (Hz) : 100
- Number of markers : 19
- Motion capture system's name : Vico-Nexus
- Number and type of camera : 20 MX-T40 cameras

Add acquisition process

Submitted news 1 D

Valid Innovative SHS 2017 ✎ 🗑

Submit news

A User panel

B Acquisitions panel

C Acquisition process panel

D News panel

4.2 User panel

Dupont Martin A

Email : martin.dupont@email.com Interest for PLAViMoP :
Institute : P' Institute Short description of interest for PLAViMoP

Country : France

Role : User B

[Edit profile](#) | [Change password](#) | [Become a new contributor](#) | [Get PLAViMoP software](#)

C D E F

- A** User details
- B** User role access (User or Contributor)
- C** Open modal to edit profile
- D** Open modal to change password
- E** Open modal to send request to become a contributor
- F** Open modal to send request to get PLAViMoP Software

4.3 Acquisition panel

Acquisition 85

A	B	C	D
#1374 Acquiesce Man	Valid		
#1375 Acquiesce Woman	Valid		
#1376 Applaud Man	Valid		
#1377 Applaud Woman	Valid		
#1378 Attack Duo	Valid		
#1379 Carry Duo	Valid		
#1380 Catch Man	Valid		
#1381 Catch Woman	Valid		
#1382 Come With Me Woman	Valid		
#1383 Crawl Man	Valid		

- A** Go to acquisition's motion details page
- B** Acquisition status (Valid or need review)
- C** Open modal to edit acquisition
- D** Open modal to delete acquisition

4.4 Acquisition process panel

<p>Acquisition process 1</p> <div><p>A Acquisition Process 1 85 B C D</p><ul style="list-style-type: none">• Frame rate (Hz) : 100• Number of markers : 19• Motion capture system's name : Vico-Nexus• Number and type of camera : 20 MX-T40 cameras<p>E Full description</p><p>F Add acquisition process</p></div>	<p>A Click on process title to show details</p> <p>B Add acquisition from this process (shortcut to step 2 of acquisition submission) need role contributor</p> <p>C Open modal to edit acquisition process</p> <p>D Open modal to delete acquisition process</p> <p>E Download process details file</p> <p>F Create new acquisition process (shortcut to step 1 of acquisition submission) need role contributor</p>
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4.5 News panel

<p>Submitted news 1</p> <div><p>A Valid B Innovative SHS 2017 C D</p><p>E Submit news</p></div>	<p>A News status (Valid or Need review)</p> <p>B Go to news page</p> <p>C Open modal to edit news</p> <p>D Open modal to delete news</p> <p>E Go to submit news page need role contributor</p>
---	--

5 Sharing C3D

5.1 Step 1: Select acquisition process

Share acquisition - Select acquisition process

Select existing process

Acquisition Process 1 or

... or create new process

Name
Acquisition process name (for later retrieve)

Frame rate in Hertz

Number of markers

Capture system name
Ex : Vico-Nexus

Number and type of camera sensors
Ex : 20 MX-T40 cameras

Full description document

A Select or Load process panel

B Process selector

C Choose selected process and go to step 2

D Pre-fill create form (**E**) with selected process

E Create new acquisition process (all fields required except **F**)

F Full description document (image or pdf)

G Create new acquisition process and go to step 2

5.2 Step 2: Select motion

Select existing motion

Acquiesce Man

... or create new motion

Health	Participant	Motricity	Category	Type	Action	Object	
<input type="radio"/> Expert	<input type="radio"/> Female	<input type="radio"/> Emotion	<input type="radio"/> Day life	<input type="radio"/> Animal	---	---	<input type="button" value="Create new motion"/>
<input type="radio"/> Normal	<input type="radio"/> Female-Female	<input type="radio"/> Fine	<input type="radio"/> Sport	<input type="radio"/> Human	<input type="text"/>		
<input type="radio"/> Pathological	<input type="radio"/> Male	<input type="radio"/> Global		<input type="radio"/> Robot	Acquiesce		
	<input type="radio"/> Male-Female				Applaud		
	<input type="radio"/> Male-Male				Attack		

A Motion selector panel

B Motion selector

C Choose the selected motion and go to step 3

D Create a new motion if it does not exist in **A**

E Select one existing tag for each type (Health, Participant, Motricity, Category and Type)

F Select one existing tag or submit new for types Action and Object

G Create a new motion and go to step 2

5.3 Step 3: Send acquisition

Send acquisition A

Acquisition date

Acquisition file (C3D) Aucun fichier choisi

Comment

Preview duration
Between 1000 and 6000

Preview marker size
Between 1 and 10

Preview azimuth
Between -180 and 180

Preview elevation
Between -90 and 90

B

A Acquisition details and preview options

B Submit acquisition and return to step 2 to submit a new acquisition

Your acquisition is now visible on your dashboard with “need review” status.

6 Submit news

Title

A

Description

B

Category

Press C

Content

D

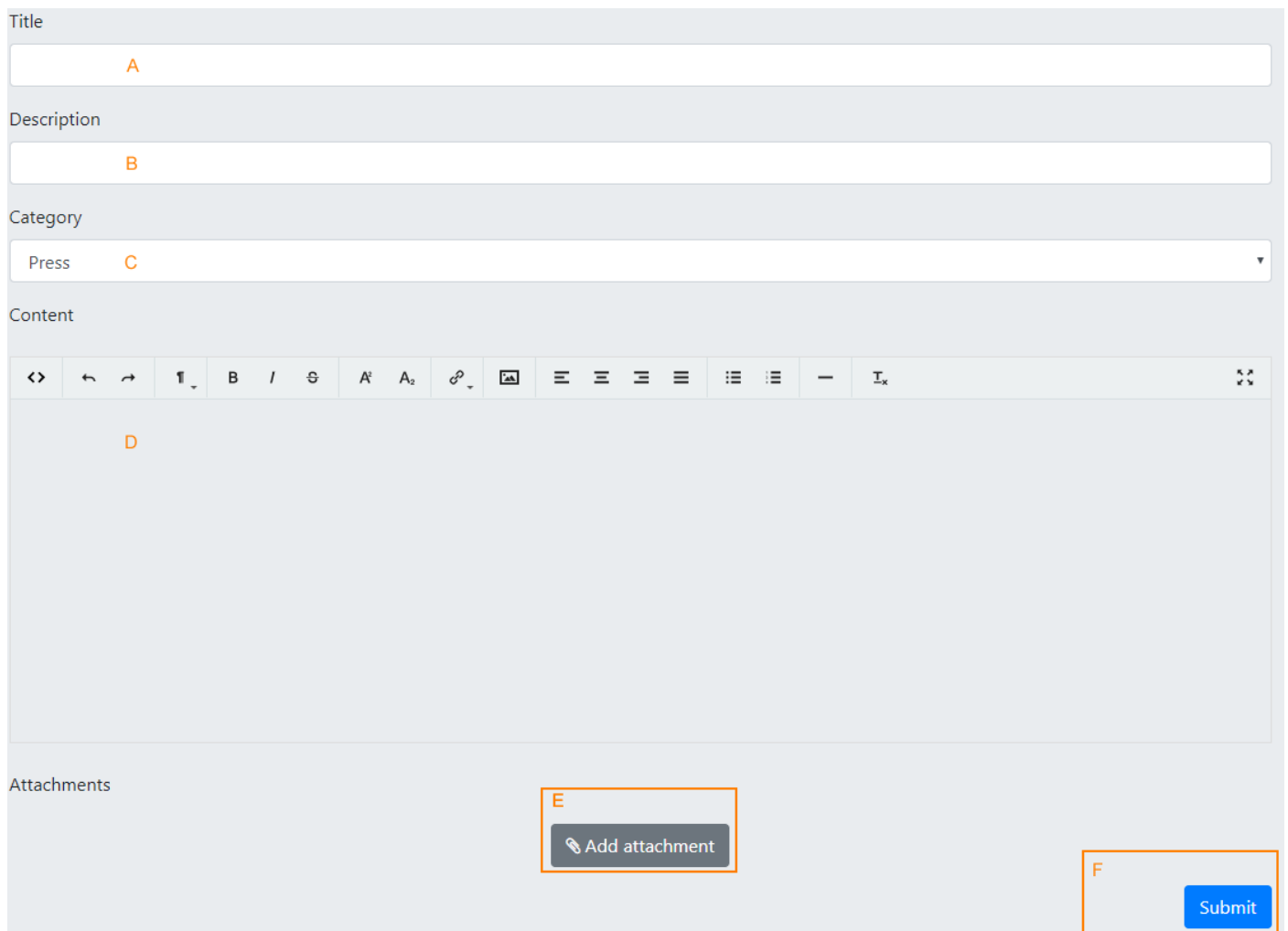
Attachments

E

Add attachment

F

Submit

The image shows a web form for submitting news. It has several sections: 'Title' with a text input field labeled 'A'; 'Description' with a text input field labeled 'B'; 'Category' with a dropdown menu showing 'Press' and labeled 'C'; 'Content' with a rich text editor containing a toolbar with icons for undo, redo, bold, italic, link, unlink, text color, background color, bulleted list, numbered list, indent, and outdent, and a large text area labeled 'D'; and 'Attachments' with a button labeled 'Add attachment' and a 'Submit' button, both labeled 'E' and 'F' respectively.

A Add a Title

B Add a short description (visible on What's new page)

C Select the type of news

D Add content (use editor buttons to format text)

E Add multiple attachments (optional)

F Submit your news

Your news is now visible on your dashboard with “need review” status.