

Online Proctoring @ SU

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Needs @ Sorbonne University

- ✓ **STARTED WITH THE OPEN DISTANCE LEARNING DEPARTMENT AND AN ERASMUS+ PROJECT**
- ✓ **MANY OTHERS POSSIBILITIES :**
 - ✓ **Erasmus students with second chance exams**
 - ✓ **Top athletes**
 - ✓ **Abroad internships**
 - ✓ **Disabled**

1

PROJECT OP4RE

Project OP4RE

Privacy

Security

Student experience

Accreditation, GDPR, PIA

Guide book at European level:

→ **<https://www.onlineproctoring.eu/en/intellectual-outputs/>**



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HOW IT WORKS

ProctorExam

- **Web based application**

- **Principle:**

- Access to the platform
- Material testing: microphone, audio
- Identification
- Film of the environment
- Access to the subject
- 3 Video flux recorded
 - Webcam
 - Screen of the computer
 - Mobile on the side (also to show the all room at the beginning)**
- Video analysis for R&R or Live proctoring

Our experience @ Sorbonne University

Synchronous tests with in campus students

Mostly pen and paper

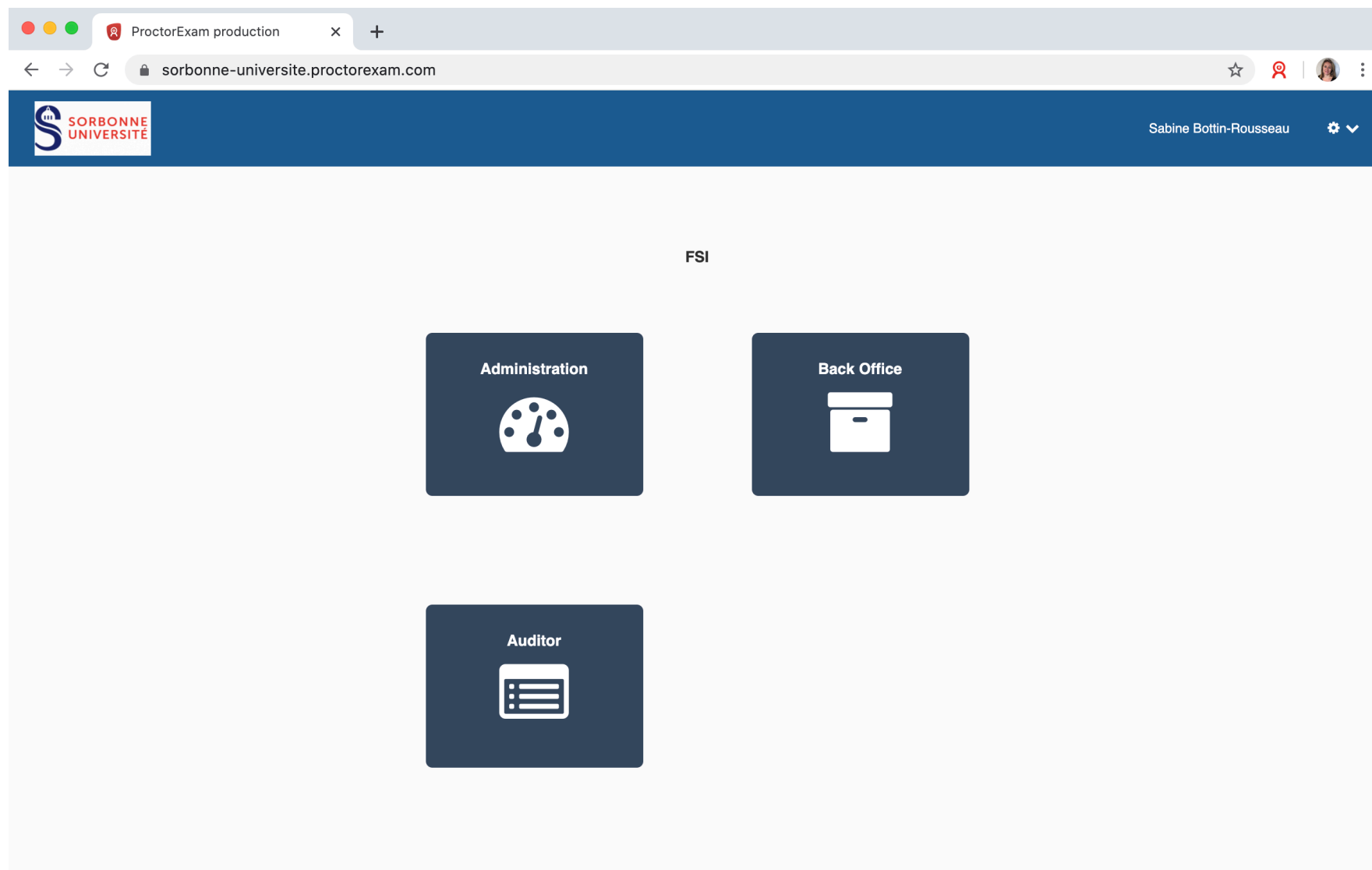
Copy scanned

Upload the copy before disconnexion

Record and Review Protocol

Chat box with our team and with the developpers

Our Sorbonne.ProctorExam platform



EXAMEN TEST L3 PHYSIQUE (Record & Review)

OPEN

Exam Name EXAMEN TEST L3 PHYSIQUE

First Start Time 12 December 2017 09:00 (UTC+01:00)

Last Start Time 18 December 2017 23:00 (UTC+01:00)

Duration 30

On

Include mobile camera?

No

Students upload exam?

Yes**Update**

Students

10 studentsExam registration link <https://web.proctorexam.com/exams/1540a933e7a5ecb45d3c429dd0977acc>

Name

Status

Alexandre Bourgeois

Exam finished

Amina Chakil

Email sent

Marie Hiesse

Exam finished

Thomas Lafaure

Exam finished

Kristi Mitre

Email sent

...

Manage

Teacher management for exam **EXAMEN TEST L3 PHYSIQUE**

Comanagers will be able to edit the exam and view the results.

5 Comanagers

Owner: Christine Cachot

Name

Email

Role

Irina Zolotareva

irina.zolotareva@upmc.fr

teacher

Sabine

bottin@insp.jussieu.fr

teacher

Sandrine Nauche

sandrine.nauche@upmc.fr

teacher

Maria

maria.barbi@upmc.fr

teacher

Bruno

bruno.dehainault@upmc.fr

teacher

Backoffice

Home

Overview

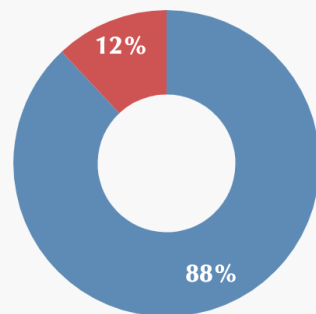
LU2PY011_P2 - Ondes - CC2 gr2

Your institute currently has no tokens.

LU2PY011_P2 - Ondes - CC2 gr2 (Record & Review)

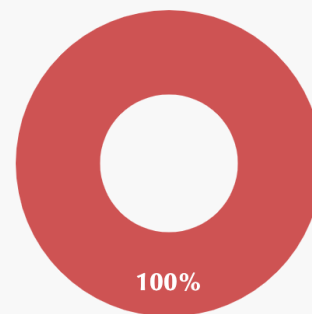
Attendance

■ Attended
■ Did not attend



Comments

■ Students without comments
■ Students with comments



Average time

(Attended students only)

02:03:36

Search for students

100%

Download all submitted documents

25 Students

Attendance



Student

Nora Lahmiti

loris henry

Laurent-Puig

KHEYAD

Start time

11:06, 30 Mar 2020

11:07, 30 Mar 2020

11:07, 30 Mar 2020

11:08, 30 Mar 2020

Duration

123:27

98:33

101:03

125:00

Comments

6

3

3

4

Status

Reviewed ●

Reviewed ●

Reviewed ●

Reviewed ●

1

2

3

Next >

Backoffice

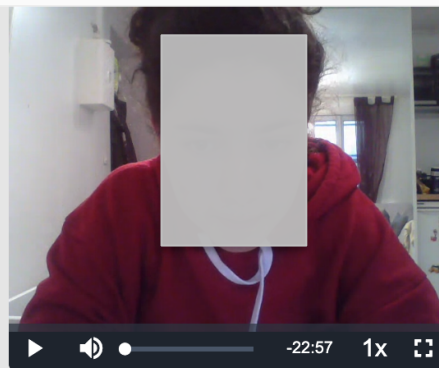
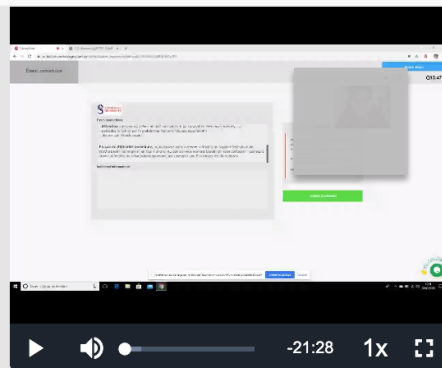
Home

Overview

LU2PY011_P2 - Ondes - CC2 gr2



Your institute currently has no tokens.



Face photo



ID Card



Video



Visited Pages



Files

Comments

00:00:20~00:01:50

showing surroundings

00:26:58~00:21:28

Webcam failed

00:26:58~00:21:28

Mobile camera failed

Info

Name:



Email:

Exam name:

LU2PY011_P2 - Ondes - CC2 gr2

Start time:

11:09:49, Mar 30th 2020

End time:

13:19:07, Mar 30th 2020

Streams included:

Screen

Webcam

Mobile



Tawk
Messages



Support
Messages

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IMPLEMENTATION PROTOCOL

Five main principles: volunteerism, information, training, consent and moderation.

- 1. Conduct a survey of students to find out how many volunteers are willing to take the exams remotely.**
- 2. Inform clearly students via an online candidate guide.**
- 3. Conduct a **remote mock exam** to test the candidate's hardware and connexion and familiarize them with the environment.**
- 4. Have the student sign a consent form agreeing to the test conditions (GDPR).**
- 5. Issuing an agreement or refusal following the test and collecting the student's commitment, who may withdraw if the process does not suit him/her.**

Exam creation: on Moodle or provider's platform

- 1. Download a subject in PDF format (can be viewed on the screen or reproduced on a separate sheet) and any authorized documents.**
- 2. Indicate the date, time and duration of the examination.**
- 3. Give the examination instructions, in particular :**
 - the number and type of files to be returned by the candidate (PDF copy, word, scripts...)**
 - authorized materials (calculator, documents, personal notes, etc.).**
- 4. Set access restrictions to some students by creating groups in Moodle. The ProctorExam solution allows each exam organizer to choose their own options.**
- 4. Schedule a separate exam for any students who have a third party; if possible put them in a separate Moodle group.**

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ASSESSMENT PROTOCOL AND EXAM PROCESS FOR THE STUDENT

In order for the student to be able to take the exam remotely he must have

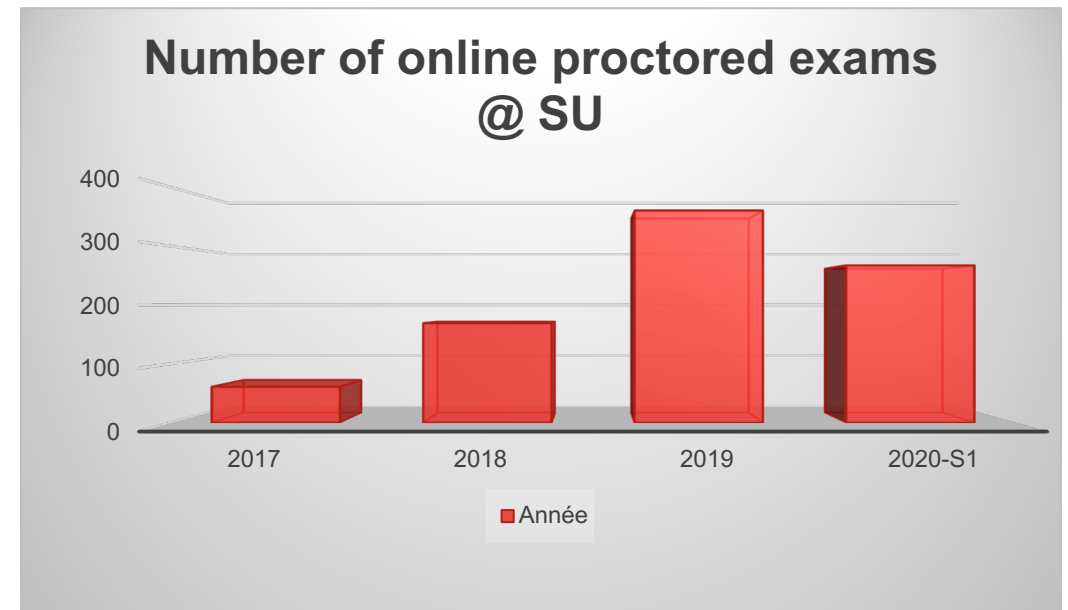
- 1. a stable internet connection with a minimum upload speed of 2 Mbps;**
- 2. a webcam (on the computer) with a minimum resolution of 1024x768;**
- 3. a smartphone with the ProctorExam application or other service provider installed and up to date.**

After the examination

- **In case of fraud, the rules are the same as in the classroom.**
- **The evaluator logs on to his instance.**
- **He has access to the back office with all the videos and copies.**
- **He can check whether there were any problems during the examination (marked red, orange or green, with comments if necessary).**
- **Finally, he can upload all the copies.**

3 years of experimentation

**At the online distant teaching
+ others departments**



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ASSESSMENT OF THE EXPERIMENT

Surveys from students in 2018

In the framework of the Erasmus + OP4RE project, a satisfaction questionnaire was sent to all European partners.

413 responses were collected. 66% of the respondents said they preferred online exams because :

- 1. less costly in terms of time/money and more flexible (students do not travel to take their exams) ;**
- 2. less stressful (students are more concentrated, less anxious, less forgetfulness...) ;**
- 3. more comfortable (familiar environment, less noisy, more spacious, with the possibility to eat and drink).**

Disadvantages: possible technical problems (long scan time), lack of help, possible cheating. During our experiments, we did not detect any cheating.

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MAIN PROBLEMS FORESEEN IN THE CURRENT CIRCUMSTANCES

Possible problems related to the circumstances

- **Bandwidth**
- **Possession of a webcam: our first surveys show that 10% do not have one.**
- **Some cohorts seem better equipped than others, depending on the level of study seems quite different too.**
- **For the problematic cases it will be necessary to leave the possibility to another session or to help them with getting material or possibility of connexion.**

THANK YOU FOR YOUR ATTENTION

