

GUIDELINES FOR ONLINE CIMPA COURSES

An online CIMPA course is online teaching at master or research level in Mathematics with one (or several) institutions located in developing countries.

Online teaching is a demanding task and CIMPA helps by offering logistic assistance to the lecturer and the audience:

- The lecturer may **come to Nice** where his/her lectures will be recorded by us in good conditions and put on our networks for the students to watch and download. You can also of course re-use a the videos of a course which were recorded for another occasion;
- We offer well-designed open-source **software solutions** to handle the online interactions;
- If needed, we can offer to the local institutions financial support **to buy some equipments** for online activities.

You must think about their videos as **the first step** of your course as we believe that the value of the course lies equally in the interaction with the students. You are free to suggest any appropriate method to reach this goal. We propose the following format:

- Once the courses are recorded, the students are free to watch them during a period of time to be defined;
- During that time, an online chat platform (e.g. [Zulip](#)) or web-conferencing (e.g. [Big Blue Button](#)) is set up, so the students can interact and ask their questions on the videos. CIMPA can help setting up such platform (and will have its own soon);
- Meanwhile, or at the end of this period, the students give feedbacks, for instance by delivering short videos or pdf of corrections of exercises.

How to fill up the application form?

I. Host Institution(s)

Online teaching allows to have several places involved at the same time. However, you shall reach a total number of participants which allows you to dedicate time to each of them when needed.

Online facilities provided to the students. Please describe what the current facilities are: a class room where the students can gather to watch the videos together (with the help of a supervisor), a granted access to a computer room or a video-conference room, etc. Describe as well, if and how they will be able to interact with the lecturer when they are alone: how many of them have a personal laptop, a smartphone? Comment of the quality and access to the connection you can offer.

II. Lecturer



Position: what is your current position at your institution (professor, assistant professor, post-doc, etc.). Please join a short CV.

III. Content of the course

Domain/MS: this refers to the [2020 Mathematical Subject Classification](#).

Keywords: please indicate some keywords for the content of your course.

Duration: please give the number of hours for the lectures and then an estimation of the time for interactions with the students (during Q/A sessions or tutorials). Note that, the maximum amount of hours of recording that we can provide in Nice is **20 hours per lecturer, per week**. Extra-time may only be considered under special circumstances. You are of course free to offer more time by recording more videos by your own means.

All the videos will be shared on CIMPA youtube channel. You can have a look at the **contract** [here](#).

Number of expected participants in total (from all institutions): as said above, **keep in mind that you need to dedicate time to each of them.**

Level: master or research

Context: why have you planned a course there (is it part of a master program? Is it in preparation of another event, etc.)?

IV. Accommodation and travel expenses.

As mentioned, we can help you recording your lectures in Nice, so you can teach in a normal classroom, at the blackboard with good recording quality. We then take care on sharing the lectures on our channels. The total amount of recording we can offer **cannot exceed 4 hours per day during 5 consecutive weekdays**.

During the time necessary for the recording, you will **have an invited office** at the mathematical department on the [Valrose campus](#) in Nice.

V. Funding

CIMPA can support the cost of your travel to Nice, although we of course appreciate if part of it can be taken on your own grants. If you ask for CIMPA support for your accommodation, we will book a hotel for you (with breakfast included) or you can book one yourself for **less than 80 euros per night**. Finally, your daily costs will be reimbursed according to the **real amount up to 30 euros per day**.

Amount requested from CIMPA for your transport to Nice: **the cost shall be smaller than 600 euros.**

Amount requested by the host institution(s) for online equipment: if needed CIMPA can contribute to small online equipment for the host institutions : webcam, microphone for conference room, draw



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pad... We need a complete description of the equipments required (type/brand), the price of each item and where it will be used. Such equipments **cannot be bought for personal use.**