**LEARNING DIARY 5 (week 6 + final)**

ELEC-E9210 – Organic Electronics (Fall 2022)

**Your name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Date/Week:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**How long did it take you to write the learning diary this week**? \_\_\_\_\_\_ h

About the overall course (any comment on the overall organization is really appreciated):

* ***How did you find the amount/organization of recorded lectures/slides/in-class discussion? can you briefly comment of how useful have been for you the different resources and assignments (recorded lectures, slides, in-class discussion) in understanding concepts and/or mechanisms? Did you find something (extremely) difficult which was not helping your learning?***
* *What are the concepts discussed in the course that you think are the most important in the field of organic electronics? Please briefly summarize*
* *Would you do something different, if you were to take this course again?*
* *Do you think course materials will be useful for you in the future? If yes, briefly comment on why*

About week 6 topics:

* *What did I learn? How is what I learned linked to what I have learned before in other classes?*
* *Was there some vocabulary that was not familiar to me? If yes, can you provide example(s)?*
* *Was it there something I did not understand? Why I did not understand (for example, explanation not clear, missing concepts or tools to understand, totally new concept, etc.?)*
* *Is what I am learning relevant to other things I have studied or that I plan to study in the future? What is the connection?*
* *Would you suggest anything done differently?*
* *If I think about this week classes (recorded lecture, slides, in-class activities, etc.), is there something which I have found very helpful in understanding concepts and/or mechanisms? Or on the opposite, did I find something extremely difficult which was not helping my learning?*
* *Any comments on the class?*

(You do not need to answer all the above questions)

*Pick two of the following topics discussed in class and briefly describe them in your own word (please choose a topic different from the one that you have discussed in class. You can share examples, when relevant, to support the description:*

* OPV: working mechanism and parameters
* OPV structure (blend, Shockley-Queisser limit)
* Donors and Acceptors
* Perovskite Solar Cells
* Tandem Structure: what are they? advantages & disadvantages