Biological Modeling of Neural Networks

Exercises

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Your friendly assistants

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Exercises

• In-lecture exercises
• 12:00 – 13:00: Q-A & Computer exercises

• Computer exercises
  – Laptop required
  – Software Installation required
  – Optional but recommended

• Mini-project:
  – Mandatory and graded
Why computer exercises

• It’s fun 😄

• Visual and interactive
  – Get understanding
  – Build intuition

• Programming is an essential skill
Which Software?

- Simple
- Powerful
- Many libraries for scientific computing
- Widely used
Fear

‘I don’t know python’
‘I am not good at programming’
Fear

• We are here to help!

• It is not a programming course

• 70% of the code is ready, you just use it
Python tutorials

- [Python-course.eu](https://www.python-course.eu)
- [https://www.programiz.com/python-programming](https://www.programiz.com/python-programming)
- ...
- ...
Let’s set-up your computer

Go to: http://moodle.epfl.ch/
Python Exercises ➔
Click the link ➔
Setting up Python and Brian