

Intelligence artificielle pour l'astrophysique à l'époque du big-data

Marc Huertas-Company

LECTURERS

- Marc Huertas-Company [Observatoire de Paris]: lectures on ML and CNNs [Monday-Wednesday]+ practice
- Etienne Decencière and Santiago Velasco-Forero [Mines PARISTECH]: lectures Thursday, Friday
- Alexandre Boucaud, Balazs Kegl [CDS-Saclay]: Ramp

PRACTICAL INFO

FROM MONDAY TO FRIDAY

9h30-17h00?

MORNING ~[9H30-12H30]: THEORY / LECTURES

AFTERNOON ~[14H-17H]: PRACTICE

PRACTICAL INFO

PLEASE WRITE DOWN THE ROOMS FOR EVERY DAY!

Location

- L: Salle Danjon
- M: Salle du Conseil
- X: Salle Danjon
- J: Morning: IAP Amphitheater // Afternoon: Salle de L'Atelier
- V: Salle Danjon

PRACTICAL INFO

INTERNET ACCESS

PREFERRED OPTION: EDUROAM

ALTERNATIVE SOLUTION: OBSERVATOIRE-PORTAIL

[ASK ME FOR LOGIN INFO IF NEEDED]

ONLINE MATERIAL

- A GITHUB WEBPAGE TO SHARE SLIDES AND CODES [<https://github.com/mhuertascompany/deeplearning4astronomy>]
- A SLACK CHANNEL FOR INTERACTIVE HELP WITH CHALLENGE - PLEASE JOIN!
- AN ADDITIONAL GITHUB WEBPAGE FOR INFORMATION REGARDING THE RAMP/ CHALLENGE

REFERENCES

SEVERAL SLIDES / INFOS SHOWN HERE ARE INSPIRED
FROM OTHER WORKS / COURSES FOUND ONLINE

- Deep Learning: Do-It-Yourself! [Bursuc, Krzakala, Lelarge]
- DEEPLARNING.AI [COURSERA, Ng, Bensouda, Katanforoosh]
- MACHINE LEARNING LECTURES [Keck]
- EPFL DEEP LEARNING COURSE [Fleuret]

Thanks to all of them!