Title

Subtitile

Mladen Ivkovic

17. September 2019

LASTRO
École Polytechnique Fédérale de Lausanne

Outline

Section Name

Blocks

Proof, Definitions, Lemmata, Remarks

Overlays

Two Columns

Images

- Two images
- Full Page Image

Citations and References

Section Name

Test Frametitle

- Test
- Test 2
- Test 3

G_3': Text goes here.

WTF

Item Name Description

Blocks

blocks

simple block title
Simple block text

example block title
example block text

alert block title
alert block text

Proof, Definitions, Lemmata, Remarks

Proofs etc

Proof.
Proof □

Lemma (XY – A dual zu YX)
Lemma

Theorem (T – after Tarski)
Theorem

Remark
remark: first set

```
\newtheorem*{rem}{Remark}
```

in preamble!

Overlays

Overlays

- Start

Overlays

- Start
- so it follows

Overlays

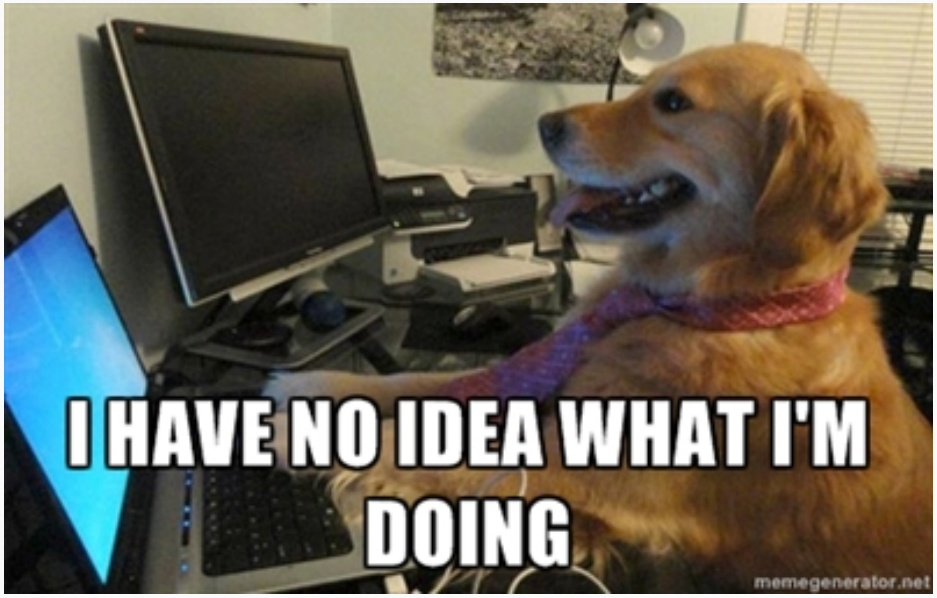
- Start
- so it follows
- then this

Overlays

- Start
- so it follows
- then this
- then that

Two Columns

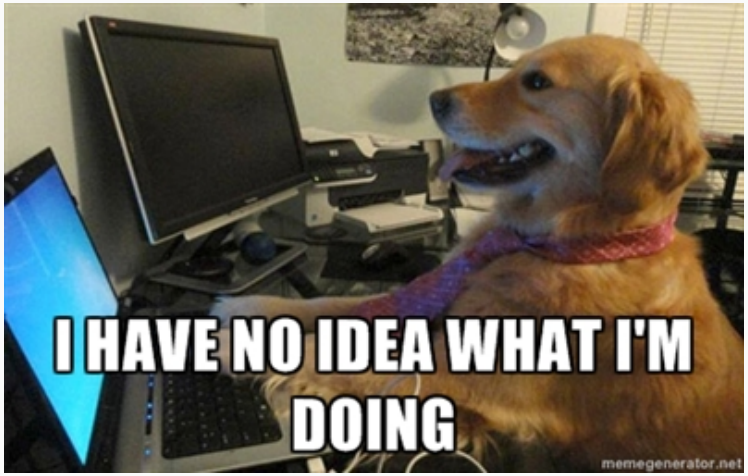
Two column stuff



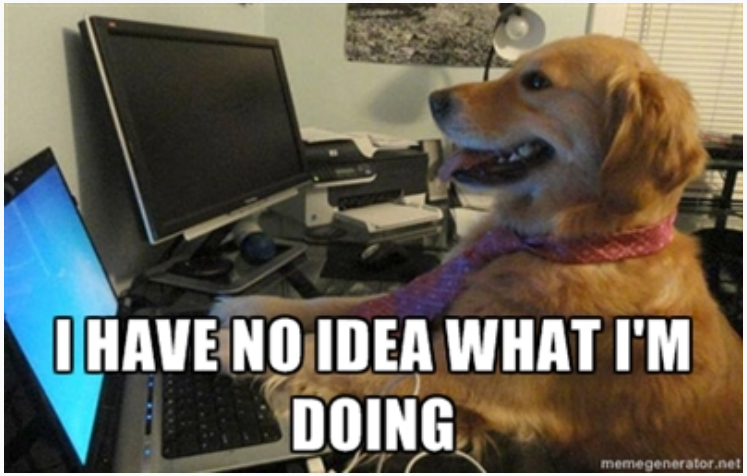
1. Start
2. Stop

Images

Two images

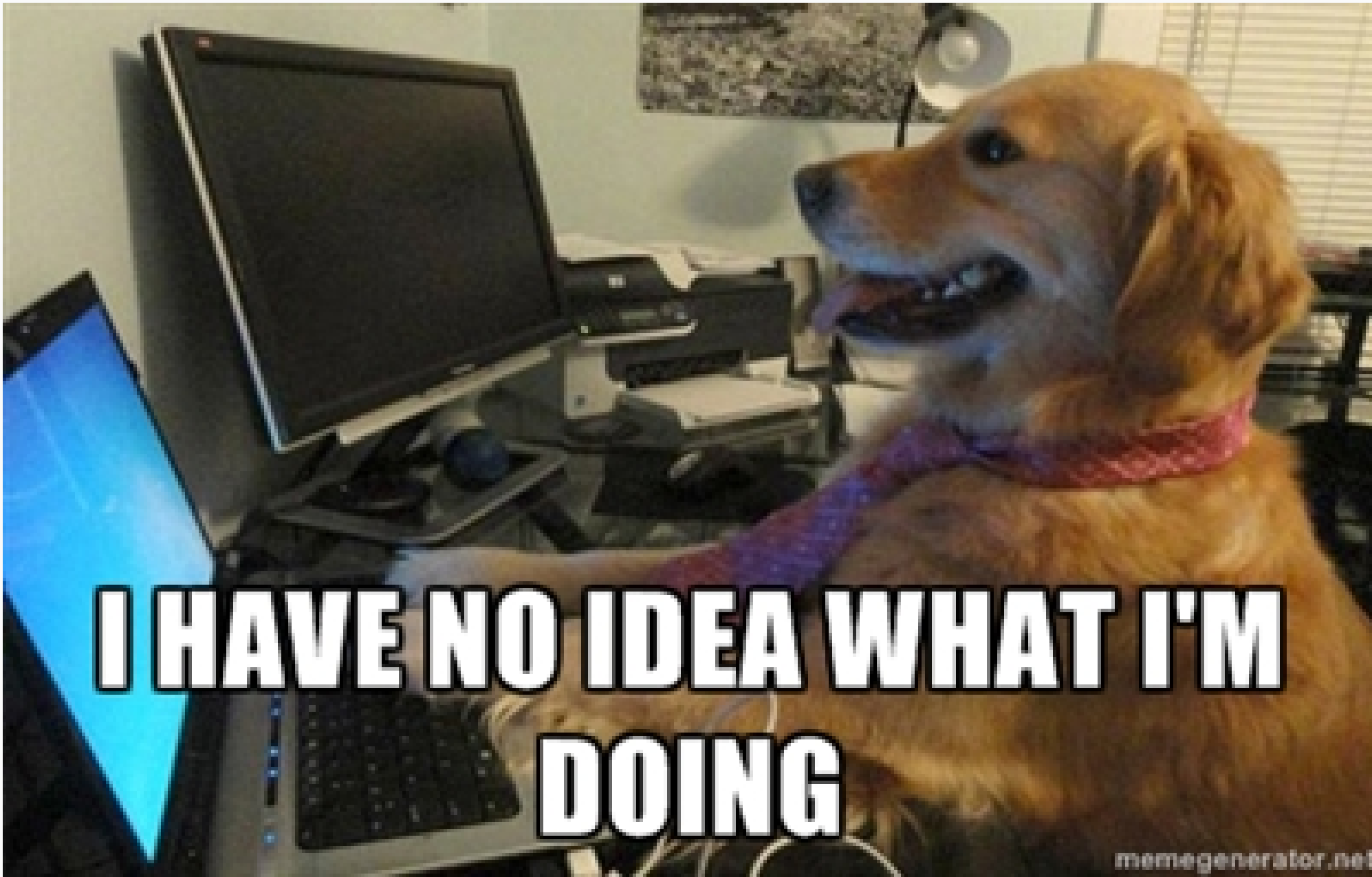


1: I really don’t

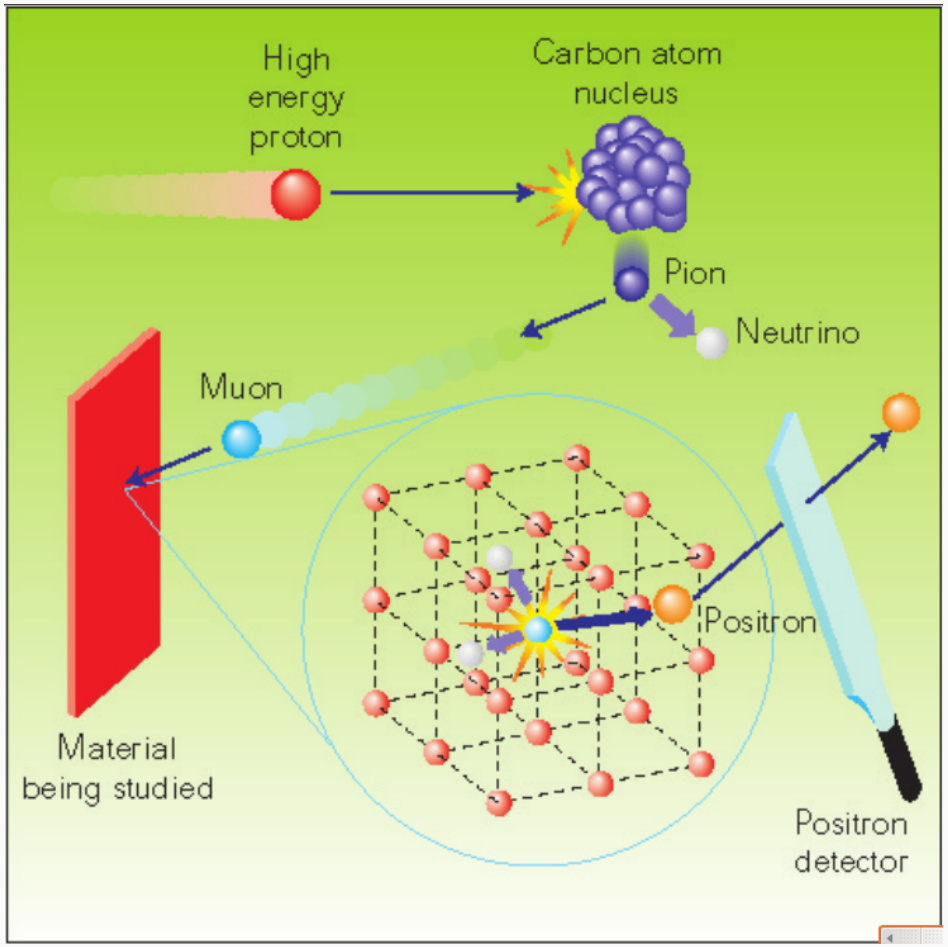


2: indeed I don’t

Full Page Image



Small caption for big image



Dalmas de Réotier, Pierre (2010): *Introduction to muon spin rotation and relaxation.* [Online]. Availible: `http://inac.cea.fr/Pisp/pierre.dalmas-de-reotier/introduction_muSR.pdf`

Math

$$f(z) = \lim_{x \to \infty} \frac{\sin x}{x} = 0 \tag{1}$$

$$\binom{a}{n} = \frac{a!}{(a-n)!n!} \tag{2}$$

$$\int (z)dz = \frac{1}{4}\left[\int \frac{e^{ia(u+1)}}{u}du - \int \frac{e^{ia(u+1)}}{u+2}du\right]$$

$$\overset{z=1 \Rightarrow u=0}{=} \frac{e^{ia}}{4}\left[\underbrace{\frac{\overbrace{e^{ia\epsilon e^{i\varphi}}}^{\to 1}}{\epsilon e^{i\varphi}} i\epsilon e^{i\varphi}}_{\to i} d\varphi - \underbrace{\int_{\pi}^{0} \frac{\overbrace{e^{ia\epsilon e^{i\varphi}}}^{\to 1}}{\underbrace{\epsilon e^{i\varphi}}_{\to 0} + 2} \underbrace{i\epsilon e^{i\varphi}}_{\to 0} d\varphi}_{\to 0}\right] \tag{3}$$

$2 + 2 = 4$ some more space after this line please. (4)

Citations and References

Citations and References

Knollmann and Knebe 2009

(Berger and Colella 1989)

References

M. J. Berger and P. Colella. “Local adaptive mesh refinement for shock hydrodynamics”. In: *Journal of Computational Physics* 82 (May 1989), pp. 64–84. DOI: 10.1016/0021-9991(89)90035-1.

S. R. Knollmann and A. Knebe. “AHF: Amiga’s Halo Finder”. In: ApJ 182 (June 2009), pp. 608–624. DOI: 10.1088/0067-0049/182/2/608. arXiv: 0904.3662.