

# Presentation Project

## 1 Some suggestions

### 1.1 A bit of electronics

#### 1.1.1 Tank circuit

Also called "Loop Gap Resonator" [1, 2] and split ring resonator [3]. Simple LC resonator that for the GHz range. More doc available upon request.

#### 1.1.2 Pound Drever Hall

The ultimate in laser stabilization [4] from the 2010 Nobel prize winner (Jan Hall).

### 1.2 Pound & Rebca

The weight of photons [5, 6].

### 1.3 Gyro and Sagnac

Sagnac needs special relativity, not laser gyro?

### 1.4 high energy hollow core fiber

Recent thesis of Cornell University.

### 1.5 light-around-the-corner and Airy beams

[7]

### 1.6 Ligo and quantum noise

### 1.7 related to attophysics

[8]

J. Phys. B: At. Mol. Opt. Phys. 52 (2019) 171001

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### 1.7.1 Super-continuum

[9] and .ppt file from Aande Kung

## 1.8 supersonic

[10]

## References

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