



# COST

## **Action MP1401**

**Round Robin on Laser Measurements  
[SI.02]**

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**COST MP1401 Annual Conference and 2<sup>nd</sup> MC meeting  
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# Content

- Motivation
- Proposal

# Motivation

- Fibre Lasers companies sometime propose cheaper/better replacement of solid state lasers
- Example: pulsed fs sources to replace Ti:Sapphire lasers in several appliaction
- However ***what if*** fiber lasers is 10MHz and not 80MHz?

# Motivation

- Sometime a collaboration is set (maybe borrowing a source),
  - an experiment is made,
    - a publication is submitted
      - Publication is accepted and used for dissemination
- Long process, validation by a journal

# Proposal

- Sometime a collaboration is set (between partners of a common network),
  - A simple experiment is made,
    - a report is submitted and validated

# Proposal

- Laser companies offer short loan of sources for simple experiments.
- A report is made and validated by a Committee (to be set)
- Report is published in the COST website and used for dissemination

# Proposal

- ADVANTAGES (Laser company)
  - Quick results
  - Quick dissemination
  - Approval by an International Consortium

Of course during experiments data for a scientific publication can be collected and used but this will be a plus for the company

- ADVANTAGES (user)
    - Availability (not long time) of useful source
- If well planned data for a publication can be obtained



# COMMENT