

COST MP1401 2nd WG Meeting
SIG1 – Techno-Economic Aspects
DRESDEN 13/10/15

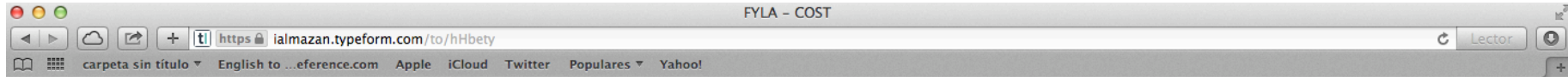
Pere Pérez Millán / Ismael Almazán
ppmillan@fyla.com / ialmazan@fyla.com

SIG1- Techno-economic aspects

- S.I.G.1 Global view on standards and technological perspectives
- S.I.G.2 Market drivers analysis (Advance Manufacturing, Healthcare and ICT)
- S.I.G.3 Technological impacts and social benefits

MARKET SURVEY

- **Leader:** FYLA
- **Goal:** To KNOW what the market needs and is ready to absorb
- **Tool:** 10 minutes Online survey
<https://ialmazan.typeform.com/to/hHbety>
- **Participants:** ALL COST members - send to customers / colls
(taking advantage of the significant volume of members of the ACTION)



THANKS FOR HELPING US TO BUILD THE LASER OF THE FUTURE, NOW.

This Survey is being promoted under the EU-COST action :
Advanced Fibre Laser and Coherent Source as tools for Society, Manufacturing and Lifescience.
We appreciate 10 minutes of your time.

LASER! press ENTER

The screenshot shows a web browser window with the title "FYLA - COST". The address bar contains the URL "https://ialmazan.typeform.com/to/hHbety". The browser's search bar shows "Lector". The page content includes a progress indicator "1 → ABOUT YOUR IDEAL LASER". The main question is "d. Imagine your perfect laser...which of the following specs would be KEY*", followed by the instruction "Please don't choose more than three even if you can choose all them." Below this, a list of eight options is presented, each in a button-like box: A Frequency Repetiton Rate (Hz), B Power (W), C Stability (%), D Wavelength Covered (Nm), E Price (Euro), F Laser Size (mm), G Lifetime (hours), and H Pulsewidth (seconds). At the bottom of the form, there is a progress bar showing "0 of 19 answered" and a "Create your own Typeform..." button.

1 → ABOUT YOUR IDEAL LASER

d. Imagine your perfect laser...which of the following specs would be KEY*

Please don't choose more than three even if you can choose all them.

Choose as many as you like

- A Frequency Repetiton Rate (Hz)
- B Power (W)
- C Stability (%)
- D Wavelength Covered (Nm)
- E Price (Euro)
- F Laser Size (mm)
- G Lifetime (hours)
- H Pulsewidth (seconds)

0 of 19 answered

Create your own Typeform...

FYLA - COST

https://ialmazan.typeform.com/to/hHbety

carpeta sin título English to ...eference.com Apple iCloud Twitter Populares Yahoo!

2 → ABOUT COMING TRENDS & NEW LASER SPEC...and how attractive are for you.

The following questions are coming features we would like to have rated by you...

a. **UV/VIS.** - Develop new and improved soft glasses to further reduce multiphonon decay (investigate tellurite, germanate, chalcogenide and heavy metal oxide glasses with emphasis on impurity level, quality of glass. Loss, rare-earth solubility and fibre manufacturing process)
How good would be?*

★ ★ ★ ★ ★ ★ ★ ☆ ☆

1 2 3 4 5 6 7 8 9

b. **UV/VIS.** - Characterise active materials (Er, Ce, Tm, Yb, Nd, Pr doped)
How good would be?*

1 of 19 answered

Create your own Typeform... ^ v

The screenshot shows a web browser window with the following elements:

- Browser Title:** FYLA - COST
- Address Bar:** https://ialmazan.typeform.com/to/hHbety
- Survey Questions:**
 - LASER TUNEABILITY - Study of new approaches to wavelength tuning, generation and mode locking
 - MODELLING - Modelling of laser materials, laser components and laser/amplifiers devices.
 - NEW LASER SOURCES - Development of new laser sources: light sources for UV/IR/MIR, development of laser sources for healthcare, manufacturing and environmental monitoring.
 - BUSINESS STRATEGY - Proposal of standards and investigation of technological impacts.
- Submit Button:** A green button labeled "Submit" with the text "press ENTER" next to it.
- Footer:** "1 of 19 answered" with a progress bar and a "Create your own Typeform..." button.

Questions