

WORKPACKAGE

## WP-4: Training

*Johan Mauritsson and Xiaowei Chen (Anders Ahlberg and Giuseppe Sansone)*

*Period: Start month 4 – end month 48*



*The main training objective of the network is to provide the ESRs with the expertise, skills and experiences required for the development of new career perspectives in academia, industry, and in education.*

## SUB WORKPACKAGES (All ESRs)

WP 4.1 Scientific training

WP 4.2 Training in innovation management and entrepreneurship

WP 4.3 Training in communication skills and outreach

WP 4.4 Training evaluation



WP-4 activities

---

Video introductions – “Virtual lab tours”

Video tutorials – “How-to for beginners”

Career development plan (CDP)

Webinar

Journal Club

Outreach training

Summer and winter schools

Secondment

Evaluation reports (Anders Ahlberg, tomorrow)

Joint research project (WP4.1), slow start, but planned in the CDPs

Research Training Modules and scientific courses (RTMs) (WP4.1)

Transferable skills modules (TSMs) (WP4.2-WP4.3) (so far mainly at host institution)

# Virtual lab tours



## MEDEA Virtual Lab Tour - AMPL



MEDEA-Horizon2020

[Prenumerera](#) 28

61 visningar

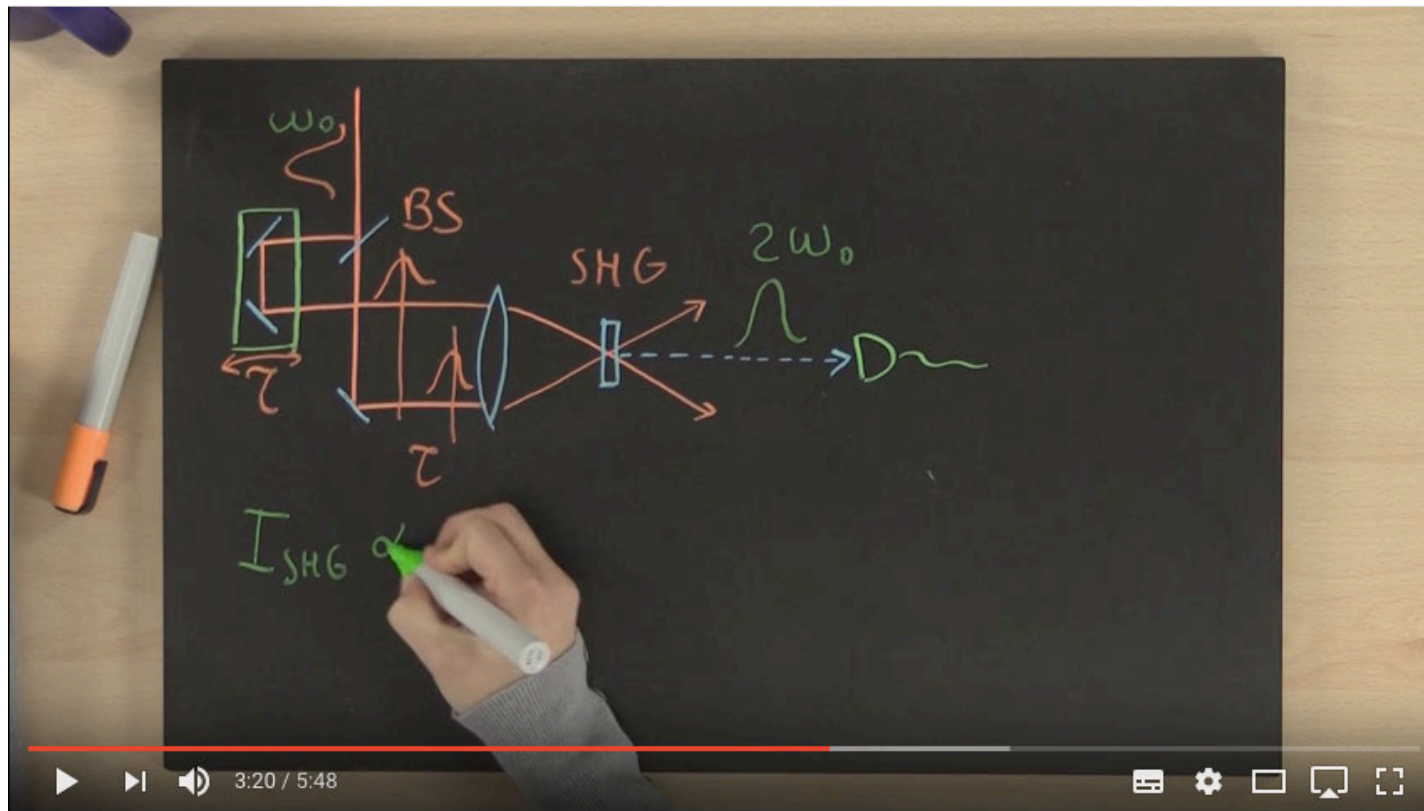
[+](#) [Lägg till i](#) [Dela](#) [...](#) [Mer](#)

[👍](#) 0 [💬](#) 0

unding from the European Union's  
innovation programme under the  
agreement No 641789



# How-to for beginners



MEDEA - How-to for beginners - Characterization of ultrashort laser pulses (POLIMI)



MEDEA-Horizon2020

Prenumerera 28

225 visningar

Lägg till i Dela Mer

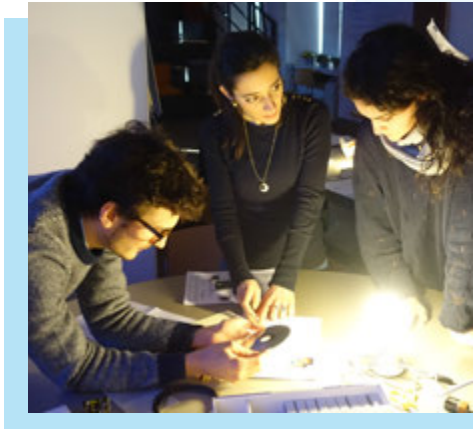
1 0

Funding from the European Union's innovation programme under the agreement No 641789

## TRAINING ACTIVITIES AND GOALS IN PROGRESS

A three-day winter school in outreach and communication for MEDEA early stage researchers (ESRs) has been developed and implemented by MUST (WP4.3) in January 2016.

In combination with the school, a one-day workshop has been organized by EYESTvzw (Excite Youth for Engineering, Science, and Technology).



Photonics explorer kit



Fiber communication

# Journal club



# Webinars

Energy conservation:  $E_k - E_g = \Omega + \omega$

$$M^{(1)} = \int d^3k' \frac{\langle k | \hat{p}_z | k' \rangle \langle k' | \hat{p}_z | g \rangle}{(E_g + \Omega - E_{k'})} A(\Omega) A(\omega)$$

$$= \int d^3k' \frac{k \cos \theta_k \langle k | k' \rangle \langle k' | \hat{p}_z | g \rangle}{(E_g + \Omega - E_{k'})}$$

Lunds Tekniska Högskola

MICHELE NAT... Management ELI-ALPS Sz... JUBERA Mikayel Mus...



TRAINING ACTIVITIES AND GOALS IN PROGRESS

