

PHABLABS 4.0

Combining the world of ...

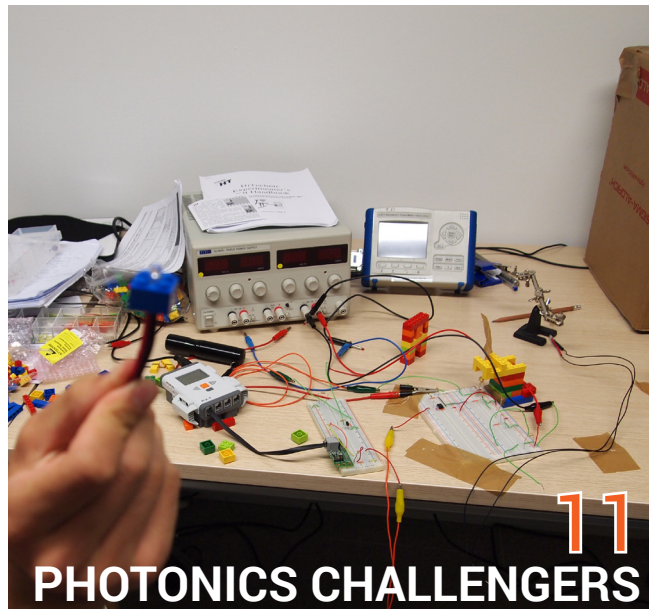


PHABLABS 4.0 is an European project that comprises 11 top level photonics partners, a non-profit organisation, a Fab Lab oriented company and 14 Pilot Fab Labs in 10 European countries.

Increasing Creativity, Stimulating Innovation.... towards Industry 4.0



Learning starts with the “**Photonics Workshops**”. Those creative “Photonics Workshops” will be characterized by an acquisition of the basic photonics principles, while working towards a working system in a short period of time. The workshops will be tailored for 3 target groups: **Young Minds** (10-14y), **Students** (15-18y) and **Young Professionals** (+18y).



The “**Photonics Challenger Projects**” focus on longer term assignments where a practical challenge must be tackled with photonics tools and components, and where creativity is key. Here the role of the instructor is that of a coach. Participants will be equipped to independently accelerate and deepen their competencies for innovation if they are given easy access to all of the right tools to put their ideas into practice.



The “**Toolkits for Photonics Enhanced Fab Labs**” will equip the Fab Labs network with dedicated material covering a core set of photonics components to underpin all of these activities from the “Photonics Workshops” and “Photonics Challenger Projects” to the independent creativity and innovation of the Fab Lab users.

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PHOTONICS²¹

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