





EPS Young Minds - Zürich

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EPS Young Minds – Zürich



IONS 13 – Switzerland (w/ OSA)



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Participants

- 180 submissions
- 99 accepted
- 89 participants
- 32 nationalities

Sponsors

- ETH & EPFL
- 6 societies
- 14 companies



TEL Solar – Company Visit

- 13 Participants
 - 10 PhD
 - 2 Master
 - 1 Post Doc
- 2 Universities
 - ETH Zürich
 - EPFL
- 0 Pictures



Research talks (w/ SPIE & OSA)



Scientifica outreach (w/ SPIE & OSA) Zürcher Wissenschaftstage

- Exhibition of the ETH Zürich and University of Zürich for the Swiss public
- This year's theme: "risk"
- Dates: 30.8 1.9.2013
- Last years total visitor count: 21,000 people





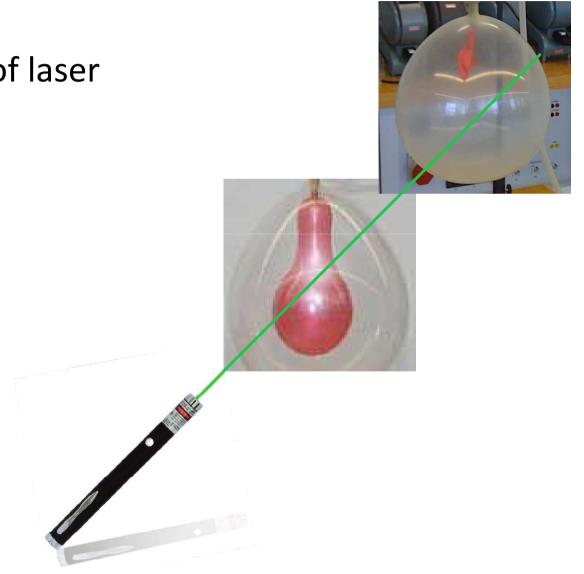
The Balloon Pop

 Demonstration of laser heating

– Absorption!

• Fun!

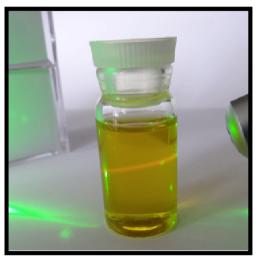
Engaging for all

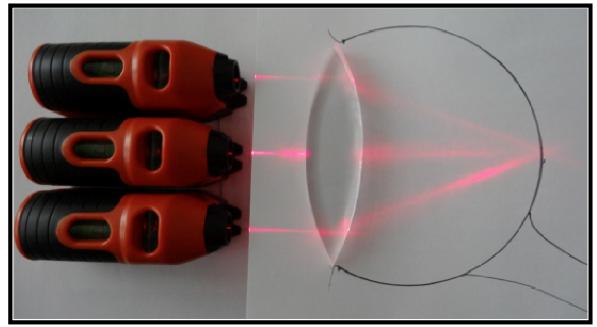




The Hands-On Lab

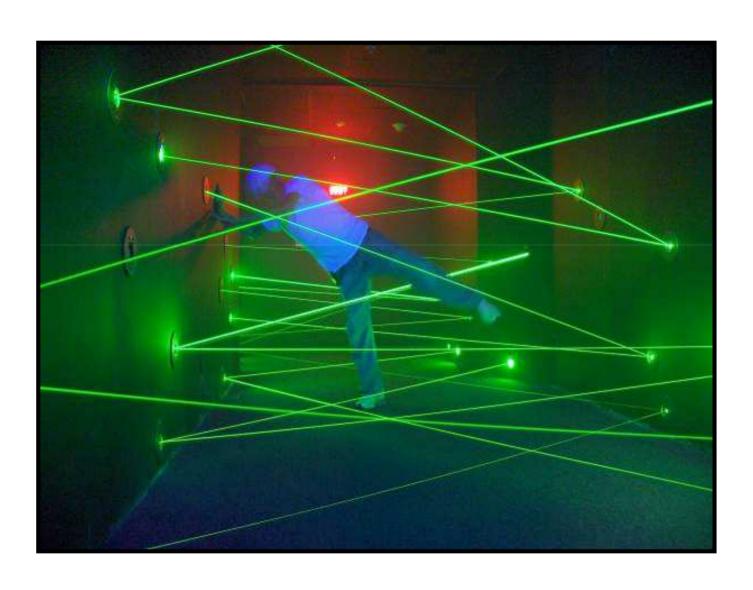
- Blue & green lasers
 - Red olive oil fluorescence
- Mirrors & home-made lenses
 - Laser reflection & refraction







The Laser Maze



Outreach

Goal:

Develop a sustained outreach program to inspire and support the study of the physical sciences.

Target audience:
High school students and beyond.



Outreach – Website Development

Online Tutorials

- Categories
 - Recent Nobel prizes
 - Quantum optics, the Universe, graphene...
 - Physical principles
 - Optics, mechanics, solid state, quantum, electronics ...
 - Cutting-edge research
 - Quantum information, 2D materials ...



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Seminars

Young Minds Section Outreach Tutorials

Outreach
Networking

Just Added

June 17, 2013 - Noble prize - The quantum world

Dorilian Lopez-Mago explains the 2013 Physics Nobel Prize and what it means for you. [read more]

Categories

Nobel Prizes

[Nobel archive]

June 17, 2013 - The quantum world

Dorilian Lopez-Mago explains the 2013 Physics Nobel Prize and what it means for you. [read more]

June 10, 2013 - The expanding universe

Dorilian Lopez-Mago explains the 2012 Physics Nobel Prize and what it means for you. [read more]

Physical Principles

[Principles archive]

June 15, 2013 - A coherent introduction to coherence theory

Shawn Divitt tackles coherence in an interactive tutorial. [read more]

Cutting-Edge Research

[Research archive]

June 12, 2013 - Sub-diffraction imaging

Zachary Lapin explains recent work in near-field optical microscopy. [read more]