

You Are Here

U

are not
alone



The world of
Laser Safety is a

small community
of caring professionals

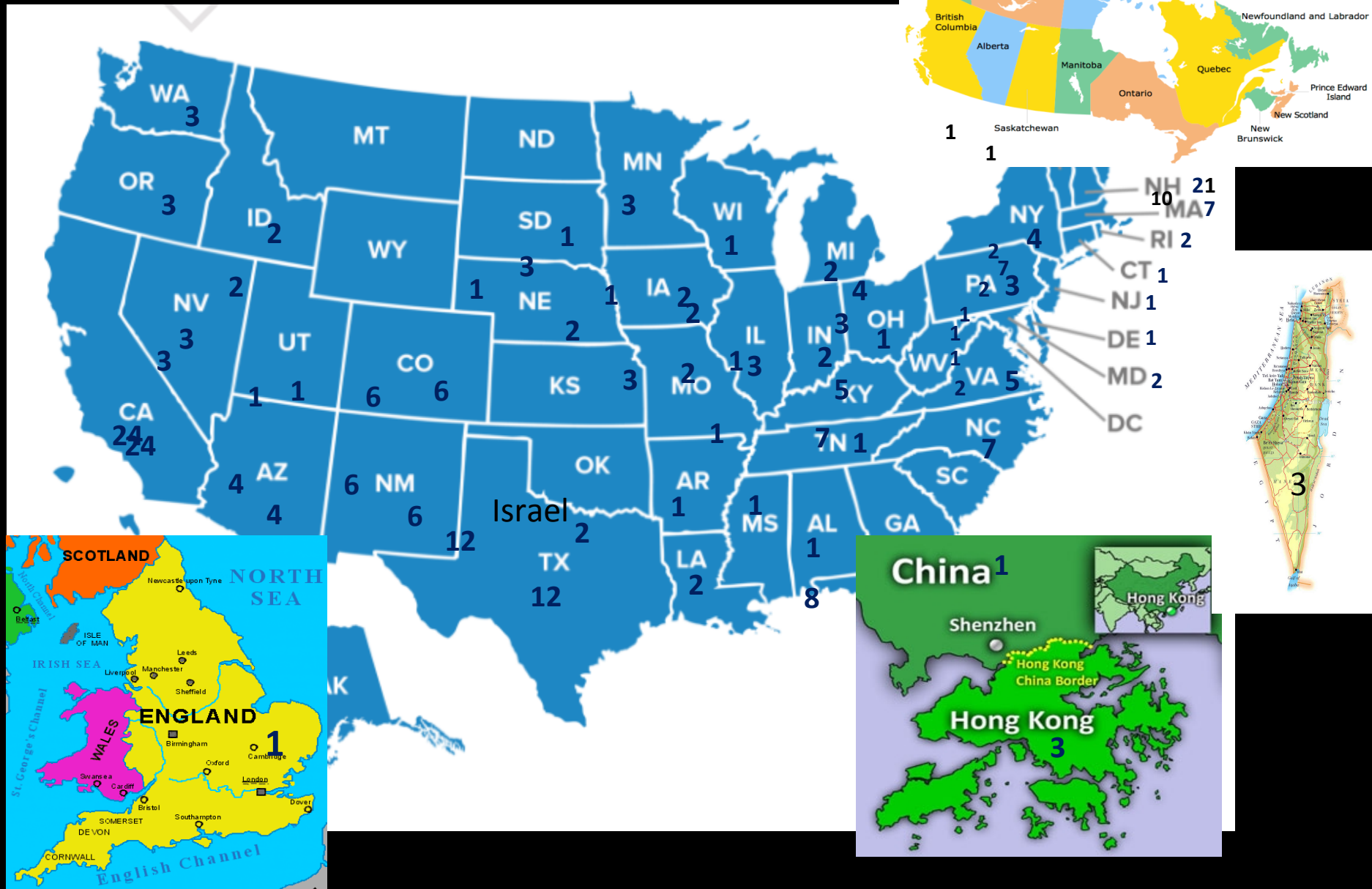
Even

Smaller

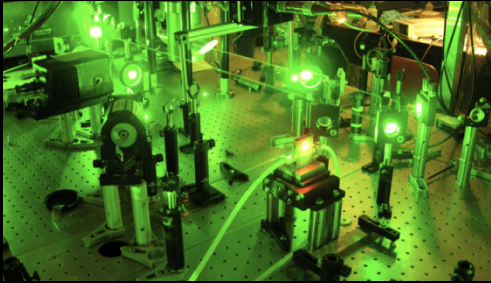
is the group of

CLS0s

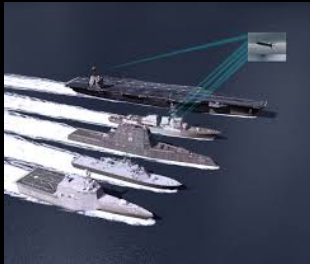
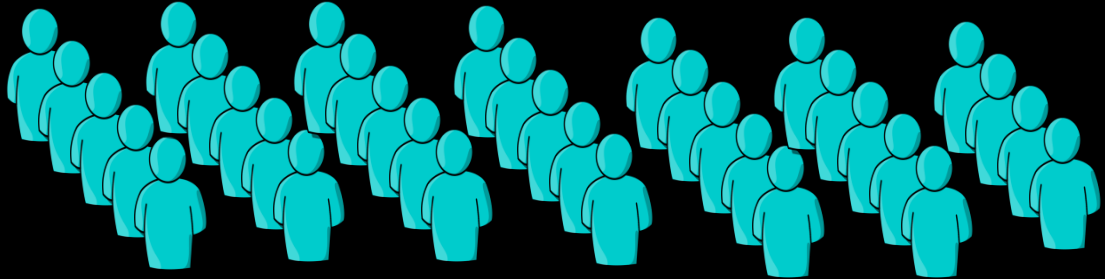
145 CLSO's across the globe



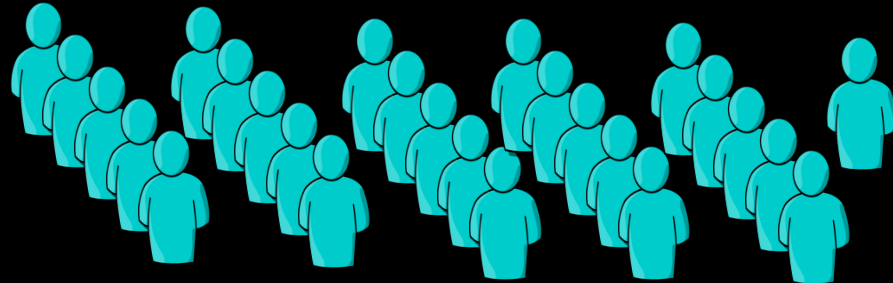
Who are these CLSOs?



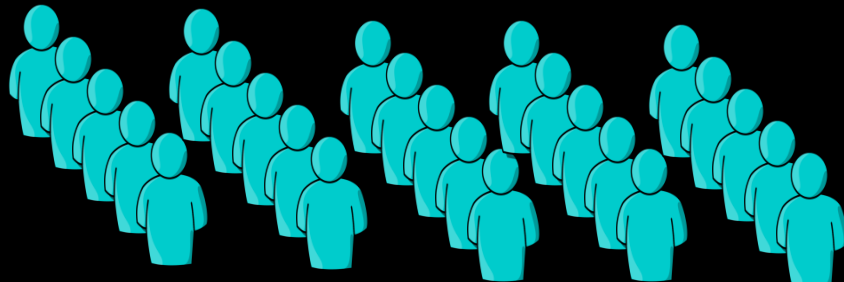
Universities



Tech Sector



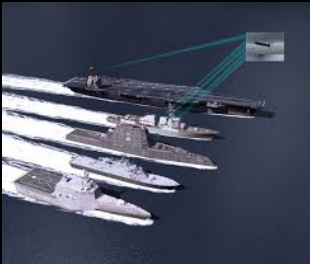
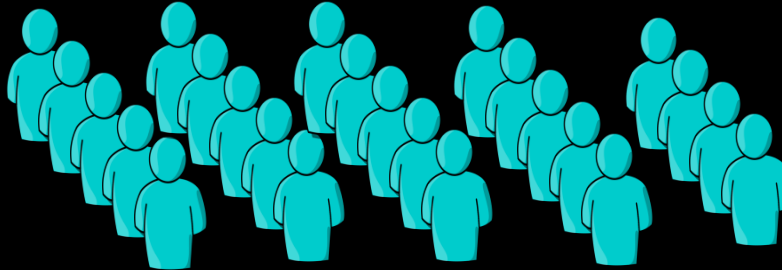
National Labs, Gov't and Military



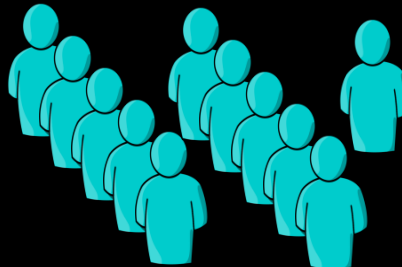
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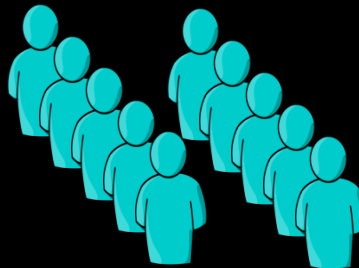
Consultants



Medical



industry



Join the

Elite

Increased wages

Job security



Self Esteem

Demonstrates commitment

Mark of a professional

Recognition

Career opportunities

Professional development

Elevate the standards of laser safety



Visit the
Board of Laser Safety website



BLS

Mission





Certified Laser Safety Officer



Certified Medical Laser Safety Officer

Requirements to sit exam:

- 4-year degree, or 2-year AS degree
- One year of experience with laser safety or acting as LSO
- 2 professional references
- Completion of a BLS-approved LSO course

(this may be waived in some cases)

General Exam Information

- 100 questions
- 5 possible answers
- Some calculations
- 3 hours allotted for exam
- Pencil and paper or computer based exams

Exam Content

9 Areas of Practice

- Lasers & Optics Fundamentals – 11%
- Laser/Optical Radiation Bioeffects – 11%
- Non-beam Hazards – 8%
- Laser Control Measures – 17%
- Regulations & Standards – 14%
- Hazard Eval & Classification – 15%
- MPEs – 11%
- LS Program Administration – 10%
- Laser Measurements – 3%

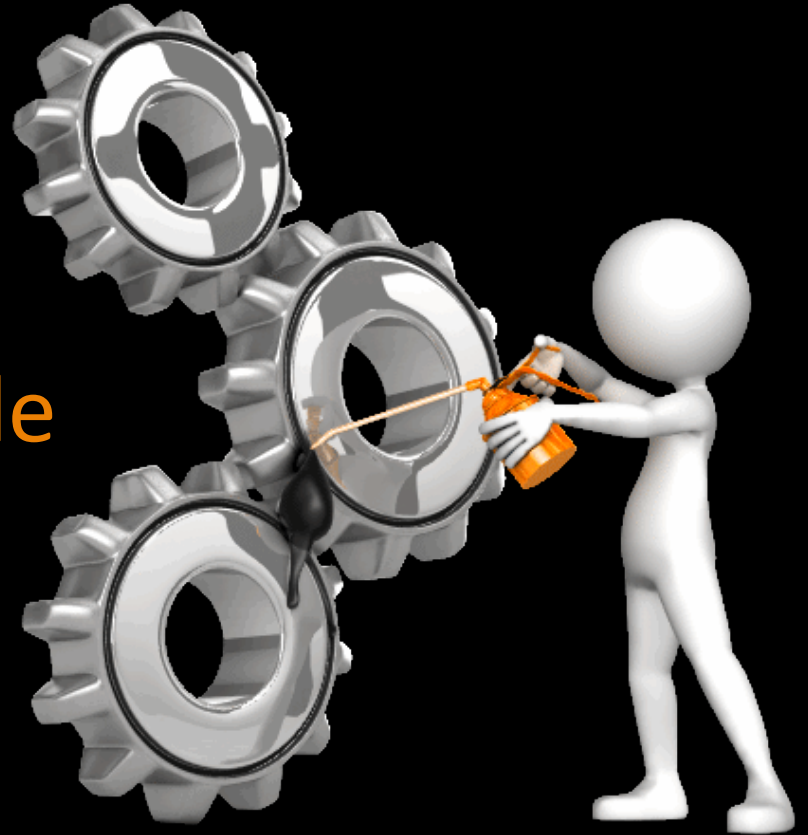
Code of Professional Conduct

- Enhance safety and health of others
- Continue to develop skills
- Within areas of competence
- Act in the best interest
- Avoid COI
- Be honest
- Counsel
- Obey the laws

Maintaining Certification

- 3 year certification cycle

- 10 CM points per cycle



Certification Maintenance Point Categories

- Laser safety experience
- Continuing Education
- Writing articles
- Teaching external to your job
- Professional organization membership
- Active participation on laser standards committees
- Attending conferences
- Presentations/posters at conferences
- Writing exam questions

Contacting BLS

- BLS Website: www.lasersafety.org
- Email: bls@laserafety.org

TOOLS FOR THE LASER SAFETY OFFICER

Uth Department of Energy Laser Safety Officer Workshop

September 27-29, 2016 • Fermilab, Batavia, Illinois



TRAINING



laservision

LASER SAFETY

EFCOG =

Energy Facility COntrollers Group Website

Laser Safety Task Group

- Best Practices
- Lessons Learned
- Announcements
- FDA Documents
- Incident reports
- Newsletters
- Links to workshop presentations



KEEP
CALM

AND

GOOGLE

IT!

Your National Labs



AMLSO

Academic Medical Laser Safety Officer List
Serve

CSHEMA

Campus Safety Health and
Environmental Management Association

Talk to our Exhibitors

Eyewear selection

Laser barriers

Power meters

Optics, lasers and components

Hazard analysis tools (Kentek online free)

Your Colleagues





Get Involved

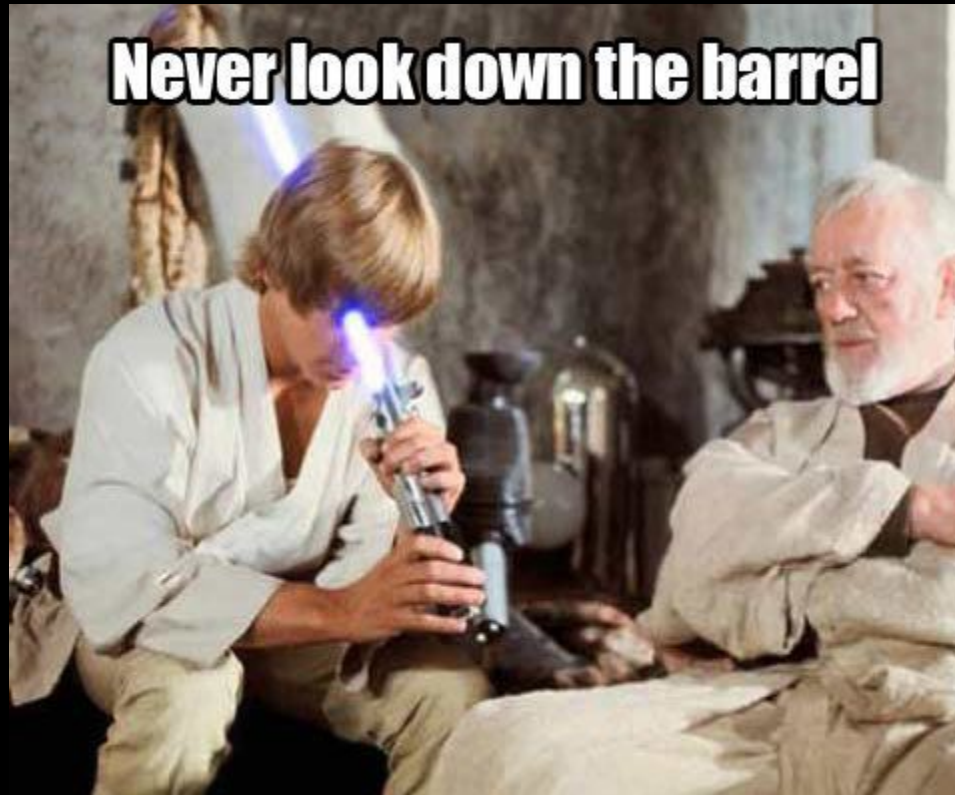
- DOE – get on EFCOG list
- Come by meetings on Thursday afternoon
- Submit an application to join an ANSIZ136 subcommittee

Conferences

- DOE Workshop alternates with [ILSC](#)

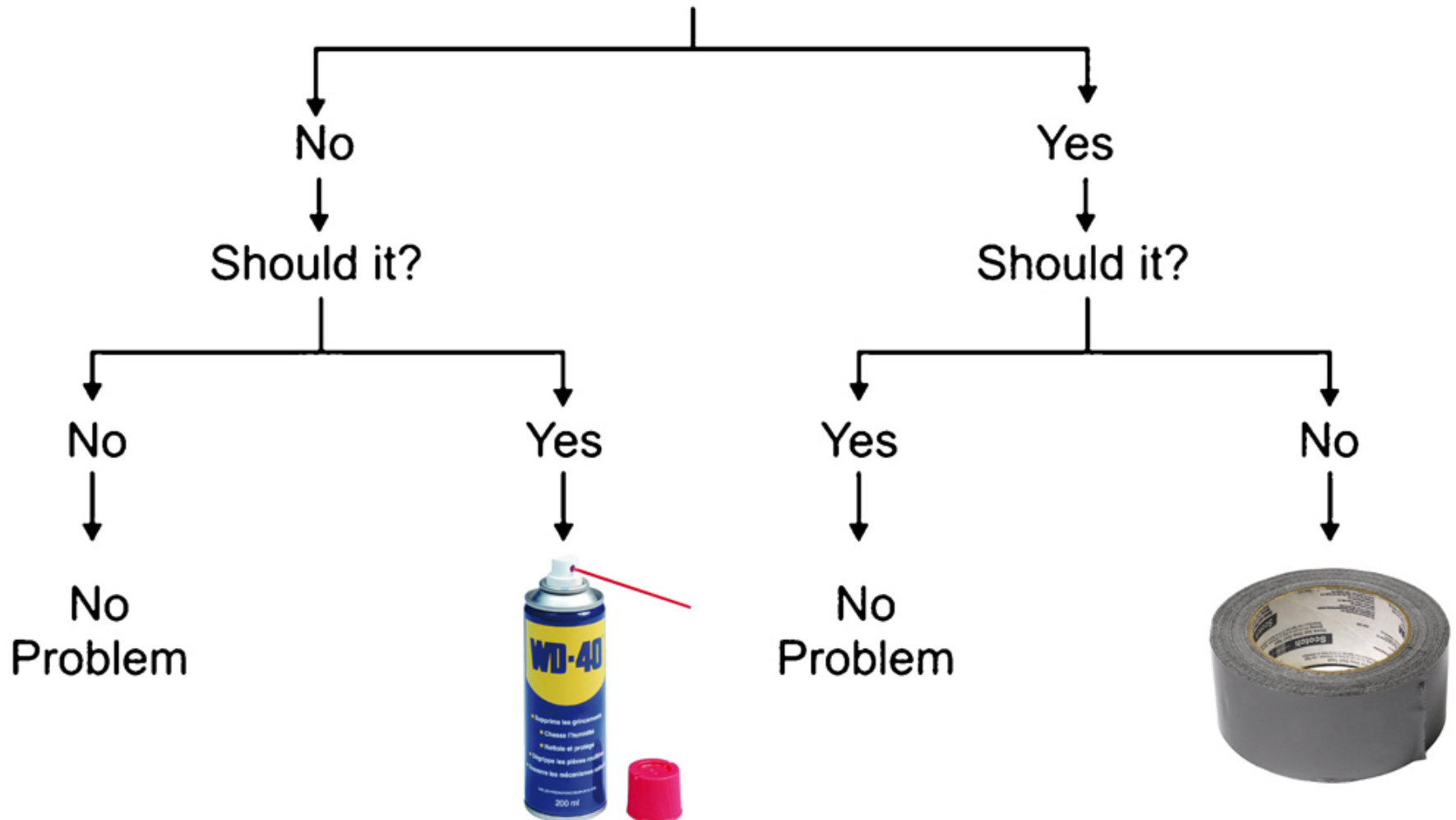


Sometimes laser safety is obvious

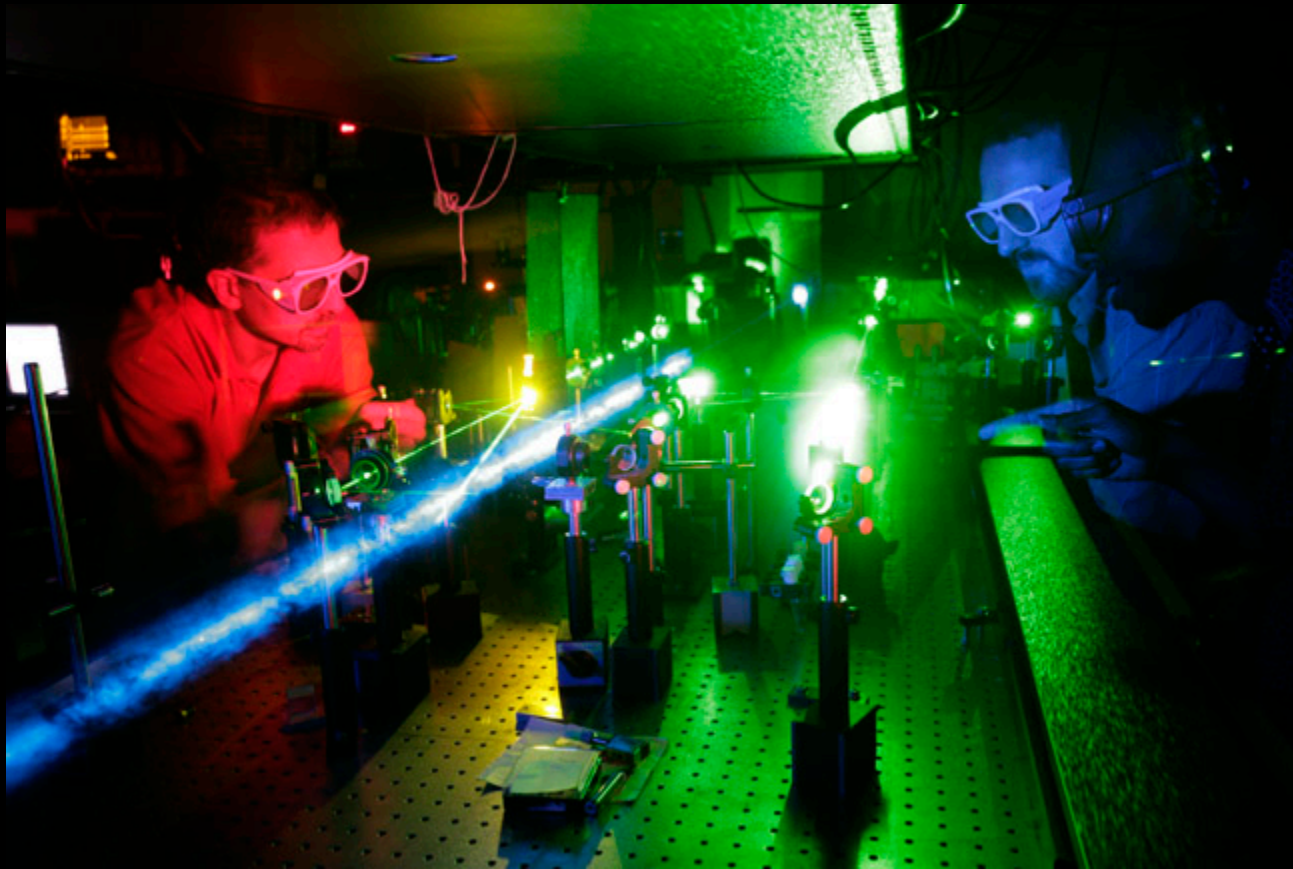


Engineering Flowchart

DOES IT MOVE?



And sometimes it's not so obvious



You Are Here

U

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September 27, 2016
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