

Laboratorio di Optoelettronica – Dipartimento di Fisica

Promemoria per la sicurezza in laboratorio

GENERAL

- **no food, no drinks in the lab**
- **dress properly - your clothing helps protect you**
 - **No open-toed shoes**
 - **No shorts**
 - **Hair and loose clothing should be secured.**

LASER

- **Class 4 lasers in our lab**
- **Extremely dangerous IR radiation (even scattered/reflected beams)**
- **Restricted access in laser lab: Authorized personnel only - red light on = laser on**
- **never look at beam height**
- **no reflecting/metallic objects in hands**
- **always know and contain beam path**
- **wear laser goggles**

CHEMICAL

- **Personal Protective Equipment**
 - **Always wear safety glasses in the laboratory.**
 - **Wear a lab coat and take it off before leaving the lab.**
 - **Wear gloves when handling chemicals and remove them to avoid spreading contamination (before handling telephones, pens, etc.)**
- **Read the Chemical Safety Information from the Material Safety Data Sheet (MSDS)**
- **Always manipulate chemicals in the hood – no solvents, no open bottles, no powders outside.**

- Don't Taste or Sniff Chemicals

- Don't Casually Dispose of Chemicals Down the Drain - use appropriate disposal bottles

- Keep workplace neat

- Avoid the pack rat mentality

- Provide adequate storage space (Hoods are NOT for storage)

- Chemical Storage

- Store by compatibility. Use secondary containment whenever possible.

- Purchase and use the smallest quantity of chemicals possible.

- Labels & Signs: Every container must be labeled. Use original containers with original labels whenever possible. Place in-house label on small containers. Minimum information should be: Identity of Chemical, Owner Name, Date.