



ELI-ALPS

PLC based control systems

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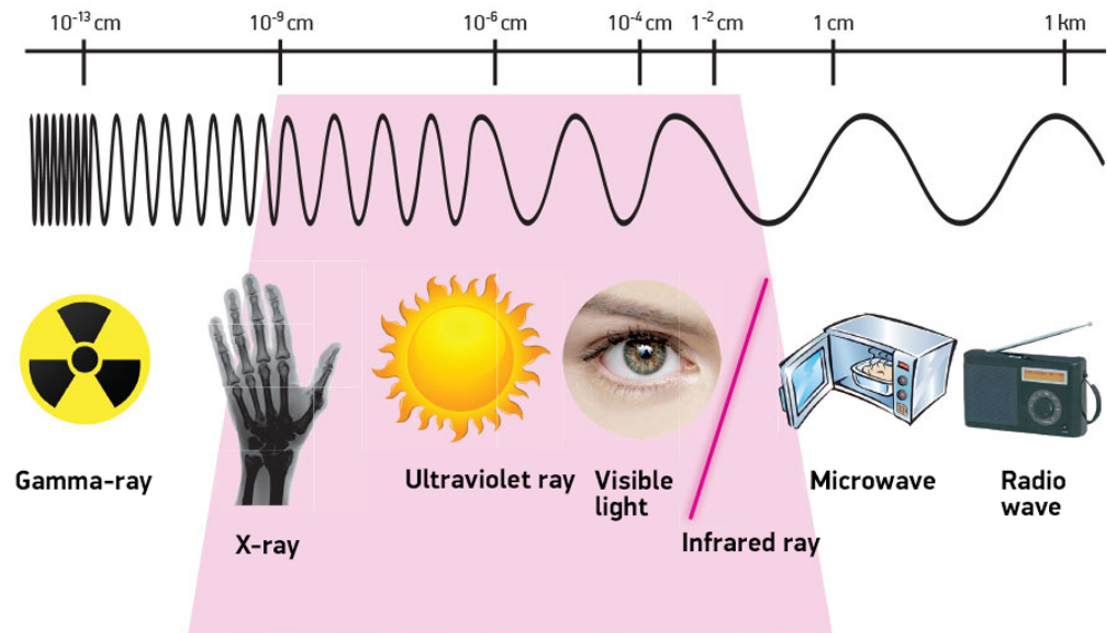




ELI-ALPS



- Valence and core electron science
- 4D imaging
- Relativistic interaction
- Biological, medical, and industrial applications



- Cleanroom equipment
- Primary laser sources
- Chambers, pipes → vacuum equipment
- Translation stages, mirror alignment motors
- Various sensors and detectors, cameras

- Access control devices
- Environmental radiation detectors

Personnel Safety System

- Interlocks
- Warning lights and audible signals
- Monitoring

Machine Protection System

- Vacuum operation
- Gas handling system

- Methodologies, tools
- Testing, certification
- Maintenance, change handling
- Protocols for use with PLC based systems
- ...



THANK YOU FOR YOUR ATTENTION!

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