

PERUGIA - Status of the group

*Università degli Studi di Perugia
Dipartimento di Chimica, Biologia e Biotecnologie
Laboratorio di Fotofisica e Fotochimica*

Istituto Nazionale di Fisica Nucleare (I.N.F.N.) – Sezione di Perugia



UNIVERSITÀ DEGLI STUDI
DI PERUGIA

Group composition

- **Fausto Ortica** – *Associate Professor* (90%)
- **Catia Clementi** – *Research Associate* (100%)
- **Aldo Romani** – *Associate Professor* (90%)

Areas of activity

➤ **optical measurements of the liquid scintillator properties in the UV-visible region**

- absorption spectra
- attenuation length
- emission spectra
- emission decay lifetimes
- optical behaviour at low temperatures

➤ **optical purification of the liquid scintillator**

- distillation tests

Funding for 2022

➤ **consumables: 3 keuros**

- laboratory glassware
- chemicals
- optical materials
- quartz cells for UV-vis absorption and emission
- columns for HPLC chromatography

➤ **missions: 1.5 keuros (+1 sj)**

- participation to ???