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phD : lasers and applications
ORSAY/paris 1988, extended cavity sc lasers and their frequency stabilization

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Regional and international

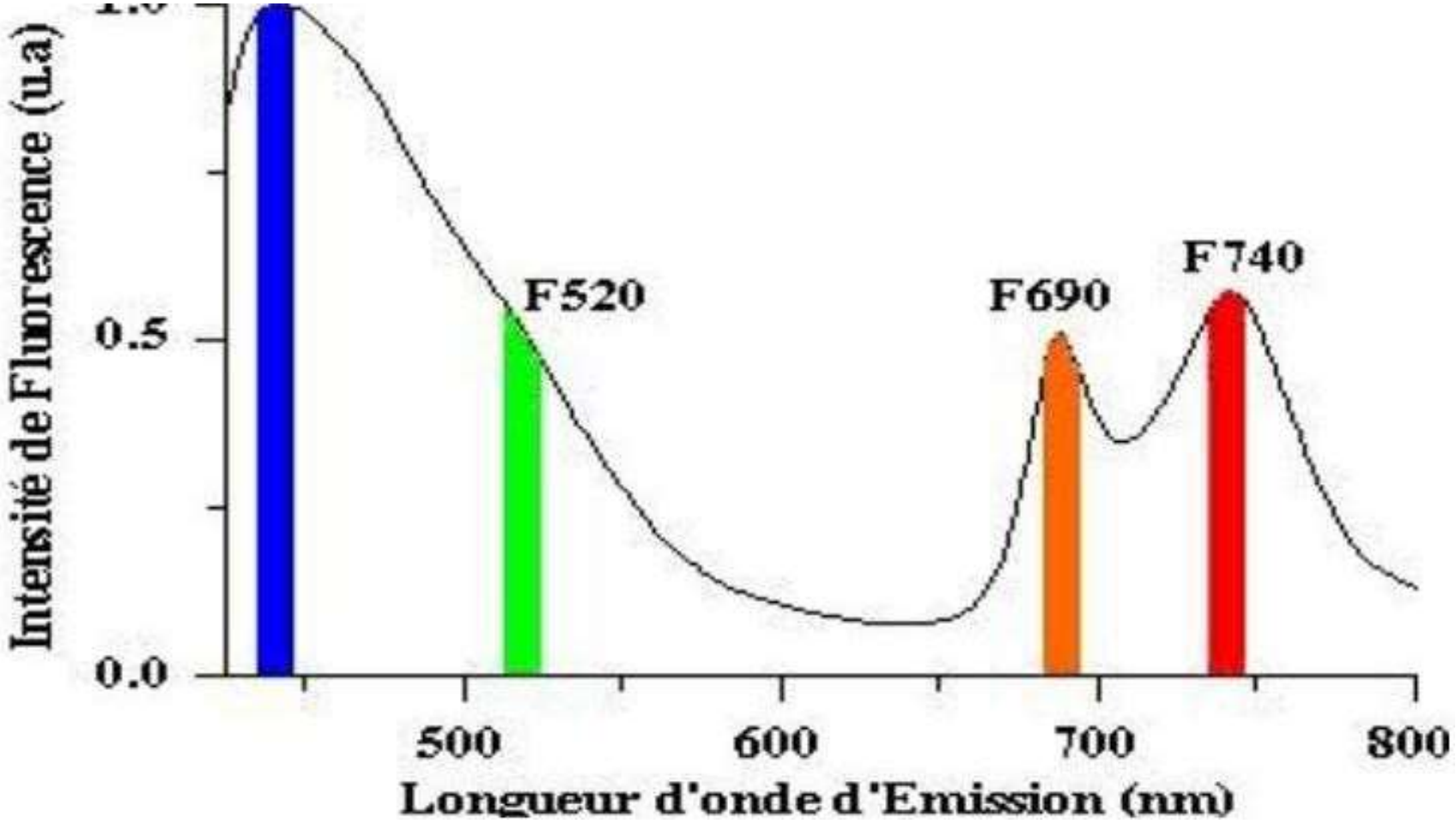
- founding member: africa_LAMNETWORK
- ICTP associate (LIF, training secondaries teachers on optic, …),
- ICO territorial representative(training secondaries teachers on optic)

RESEARCH Physics for agricultur(since 20 years)

Development of techniques for the early detection of nutritive stress of important plants in the Ivory Coast economy by laser-induced fluorescence and reflectance

- Laser-induced fluorescence and canopy reflectance provide indicators relevant to describe the physiological state of the plants,
  - optimize (reduce) use of fertilizer
  - reduce time of plant breeding for trees and crops

The calculation of the ratio of chlorophyll fluorescence intensities at 690 nm and 740 nm (R = F690 / F740)



- Application of laser induced fluorescence technique to study of potassium deficiency of Palm oil tree [Elaeis Guineenis (Jacq)]] (reduce reaction time- 6months)

  - Nitrogen Stress of Maize by Laser Induced Fluorescence
  - (reduce used of fertilizer 1/2)

- Water Deficiency Detection of Hevea brasiliensis Clones by Laser Induced Fluorescence
- (reduce breeding time- 6 years to 1 year)

- Detection of nitrogen deficiency of potato plants by canopy reflectance

***PROMOTION OF THE CULTURE OF PHYSIC AT ALL DEGRES**

***** Innovation by reseach using IP for local impact**