

Ottobre 2006

Title:

Position for a graduated engineer or physicist at the Master Level – (Ingegnere oppure Fisico) for a 1-year research in the Electrooptics Group at University of Pavia, to work on:

“Simulation, design and characterization measurements on optical concentrators for photodetectors (APDs) arrays”

in the frame of an European FET project “Megaframe” (other partners are: STM Edimburgh, EFPL Lausanne, IRTS Trento)

Requisites:

- citizen of an EU Member country (or of Associate or Candidate country)
- graduated by no more than 3 years, with good marks
- familiarity with photodetectors and optics;
- be available full time at Department of Electronics, University of Pavia

Tasks:

- develop and run software for simulation of optical systems in ray-optics approximation;
- study of new concentrator structures;
- set up a characterization bench to test optical arrays

Duration: 12 months (eventually extendable for 12 more)

Start date 1-11-2006

Research grant €18.074 (per year, gross salary)

Fringe allowance: special rate accomodation in the Campus.

Perspective candidates shall send their CV to prof. Silvano Donati:

silvano.donati@unipv.it

or fax to:

Prof Silvano Donati, Dip Elettronica, Università Pavia, +39 0382 422 583