



MARIE CURIE INITIAL TRAINING NETWORK

Optical and Adaptational Limits of Vision



JOB VACANCIES

9 Early Stage Researchers (ESR)
2 Experienced Researchers (ER)



The Initial Training Network OpAL, consisting of 6 project partners located in 4 different countries, is funded by the European Commission under the 7th Framework Programme. OpAL aims at training young scientists at the interface of physics and biology, with focus on optical issues, tackling the limits of visual performance. OpAL is now recruiting 9 Early Stage (PhD students) and 2 Experienced Researchers (early Postdocs).

Country	ESR/ER	Location / Senior Scientist	PhD/Postdoc Projects (<i>project details on OpAL webpage, www.itn-opal.eu</i>)
GERMANY	2 x ESR	University of Tuebingen / <i>Frank Schaeffel</i> (frank.schaeffel@itn-opal.eu)	(1) Polychromatic photorefractive fundal reflectance and chromatic aberration (2) Role of fixational eye movements during detection of low luminance stimuli
SPAIN	2 x ESR	Universidad de Murcia / <i>Pablo Artal</i> (pablo.artal@itn-opal.eu)	(1) Impact of eye's aberrations on visual performance at low luminance (2) Intraocular scattering: new measuring techniques, sources and impact in vision
SWEDEN	2 x ESR	Royal Institute of Technology, Stockholm / <i>Linda Lundstrom + Peter Unsbo</i> (ankarloo@kth.se + linda.lundstrom@itn-opal.eu)	(1) Sensitivity and adaptation to optical blur in the periphery (2) Role of ocular chromatic aberration in peripheral vision
SPAIN	2 x ESR	Consejo Superior de Investigaciones Cientificas, Madrid / <i>Susana Marcos</i> (susana-marcos@itn-opal.eu)	(1) Adaptation to the optical blur produced by high order aberrations (2) Role of ocular aberrations on accommodation dynamics
GREECE	1 x ESR	University of Crete, Heraklion / <i>Harilaos Ginis + Ioannis Pallikaris</i> (harilaos.ginis@itn-opal.eu)	(1) Using artificial neural networks to model long-term adaptation to changes in the wavefront aberration
GERMANY	2 x ER	COMPANY: Rodenstock GmbH, Munich / <i>Gregor Esser + Anne Seidemann</i> (rodenstock@itn-opal.eu)	(1) Algorithms of visual processing to adapt to optical aberrations (2) Diurnal variation of visual performance

ELIGIBILITY CRITERIA: Fellow must not have resided in country of the host institution for more than 12 months in the 3 years immediately prior to their recruitment.

Early Stage Researcher (PhD student)

- In possession of degree which allows to start a doctorate / PhD thesis
- In the first 4 years of research career

Experienced Researcher (Early Postdoc)

- In possession of doctoral degree or at least 4 years of research experience (starting when obtaining degree to start doctorate / PhD thesis)
- Not more than 5 years of research experience

CONTACT (Tuebingen, Germany)

Please contact the respective Senior Scientists directly or visit our website: www.itn-opal.eu