



Optical and Adaptational
Limits of Vision

www.itn-opal.eu

1ST SUMMER SCHOOL

AGENDA

September 18 - 19, 2012

Hosted by OpAL Project Partner No. 4, Susana Marcos
CSIC - Visual Optics and Biophotonics Lab

Madrid, SPAIN

Version September 10, 2012



OpAL (PITN-GA-2010-264605) is an Initial Training Network (ITN) funded by the European Commission under the Seventh Framework Programme (FP7)



LOCATIONS

CONFERENCE ROOM

Meeting rooms at the **Institute of Optics:**

Sala de Conferencias

Instituto de Optica, CSIC

Serrano 121



See map on page 5

ACCOMODATION

Rooms for everyone have been reserved at:

Residencia de Estudiantes

Calle Pinar 21, 28006 Madrid

Phone: +34 - 91 561 32 00

Fax: +34 - 91 563 81 27

E-mail: reservas@residencia.csic.es

<http://www.residencia.csic.es/en/hotel/accomodation.htm>

See map on page 5

Tuesday, September 18, 2012

11:00 – 11:30

Welcome by host
(Susana Marcos)

11:30 – 12:15

Hands on experience on Optical Coherence Tomography

12:15 – 12:45

Hands on experience on Aberrometry

12:45 – 14:00

Hands on experience on Ocular Sectioned Microscopy

14:00 – 15:30

Lunch at Residencia de Estudiantes

15:30 – 16:30

Hands on experience on Adaptive Optics in vision

16:30 – 17:30

Round Table discussion



Wednesday, September 19, 2012

9:00 – 9:30	The eye as an exceptional optical system <i>Pablo Artal (Universidad de Murcia, Spain). Confirmed</i>
9:30 – 10:00	Adding ocular scattering into the optical quality picture <i>Harilaos Ginis (University of Crete, Greece). Confirmed</i>
10:00 – 10:30	Designing optical instruments: practical considerations <i>Guillermo Pérez (Voptica, Murcia, Spain). Confirmed</i>
10:30 – 11:00	Optical Coherence Tomography. Applications in the eye <i>Maciej Wojtowski (Copernicus University, Poland), Confirmed</i>
11:00 – 11:30	Discussion
11:30 – 12:00	Coffee Break
12:00 – 12:30	Crystalline lens of the eye: a source of inspiration <i>Susana Marcos (Institute of Optics, CSIC, Spain). Confirmed</i>
12:30 – 13:00	Accommodation and myopia: Insights from animal models <i>Frank Schaeffel (University of Tübingen, Germany). Confirmed</i>
13:00 – 13:30	Designing IOL lenses <i>Sergio Barbero (Instituto de Optica, CSIC, Spain). Confirmed</i>
14:00 – 15:30	Buffet Lunch
15:30 – 16:15	Adapting to optical blur <i>Mike Webster (University of Nevada, USA). Confirmed</i>
16:15 – 16:45	Discussion
17:30 – 21:00	Cultural Event: <ul style="list-style-type: none">• Transportation to the Museo Reina Sofia• Guided tour at the Museo Reina Sofia• Walking Tour of Literary Madrid• Dinner at Restaurant La Mucca• Transportation back to CSIC Campus

PARTICIPANTS

Principal Investigators

1. **Frank Schaeffel** Network Partner No. 1, Tuebingen (*Germany*)
2. **Pablo Artal** Network Partner No. 2, Murcia (*Spain*)
3. **Susana Marcos** Network Partner No. 4, Madrid (*Spain*)
4. **Harilaos Ginis** Network Participant No. 5, Heraklion (*Greece*)

Fellows

1. **Yun Chen** (ESR) Network Partner No. 1, Tübingen (*Germany*)
2. **Ulrich Wildenmann** (ESR) Network Partner No. 1, Tübingen (*Germany*)
3. **Alexandros Pennos** (ESR) Network Partner No. 2, Murcia (*Spain*)
4. **Dimitrios Christaras** (ESR) Network Partner No. 2, Murcia (*Spain*)
5. **Abinaya Priya Venkataraman** (ESR) Network Partner No. 3, Stockholm (*Sweden*)
6. **Simon Winter** (ESR) Network Partner No. 3, Stockholm (*Sweden*)
7. **Aiswaryah Radhakrishnan** (ESR) Network Partner No. 4, Madrid (*Spain*)
8. **Mengchan Sun** (ESR) Network Partner No. 4, Madrid (*Spain*)
9. **Onurcan Sahin** (ESR) Network Participant No. 5, Heraklion (*Greece*)
10. **Ebrahim Kamrani** (ESR) Network Participant No. 5, Heraklion (*Greece*)
11. **Yohann Benard** (ER) Network Participant No. 6, Munich (*Germany*)
12. **Mohammad Taghi Fathi** (ER) Network Participant No. 6, Munich (*Germany*)

Guest Speaker

1. **Guillermo Pérez** Voptica, Murcia, Spain
2. **Maciej Wojtowski** Copernicus University, Poland
3. **Sergio Barbero** Instituto de Optica, CSIC, Spain
4. **Mike Webster** University of Nevada, USA

LOCATION

