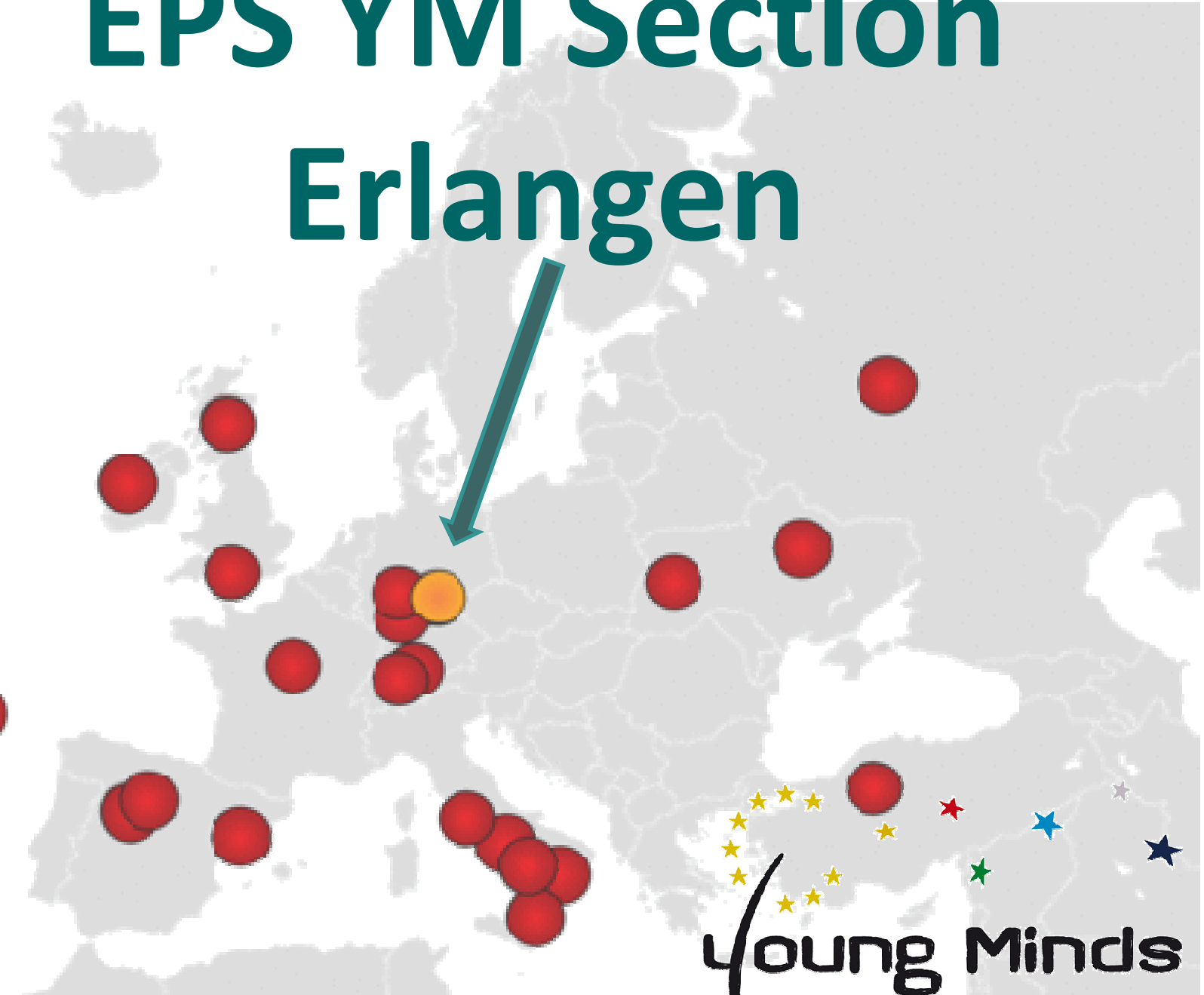


EPS YM Section Erlangen



MPL

Young Minds

Facts And Figures

- Section founded in November 2010
- Close collaboration with the
 - Erlangen Graduate School in Advanced Optical Technologies
 - hbar OMEGA OSA Student Chapter Erlangen



- Parent institutions:

MAX PLANCK INSTITUTE

FOR THE SCIENCE OF LIGHT

- Chapter advisor:
Gerd Leuchs, MPL director



FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG



Our Section



Tom
(secretary)



Vanessa
(vice-president)



Christian
(president)



Michael
(treasurer)



Imran
(webmaster)



- Founded with 11 members
- 23 members by now, mainly PhD students



Chapter Activities

- Social Activities
- Educational Outreach Activities
- Seminars
- Field Trips



Social Activities

Section meeting at various occasions like e.g.

- Christmas market
- Erlangen Bergkirchweih (Europe's largest beer garden)



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School outreach

Participation in popular science events:

- „Wissenschaft macht Schule“
(Science goes School)
- „Lange Nacht der Wissenschaften“
(Long Night of Sciences)



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Presentation by McKinsey & Co.

- Invited presentation by a physicist and a mathematician working in consulting.



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We, the hw OSA student chapter, MPL Erlangen EPS Young Minds section and McKinsey&Company cordially invite you to

Physics and beyond working as a physicist at McKinsey

There are various career opportunities after graduating from the university, not only in jobs directly related to physics. Physicist Bastian Schröter and his colleagues will tell their side of the story exploring the world of a consultant at McKinsey.

Date: 21.06.2012
Time: 17h c.t.
Place: lecture hall B

The introduction and Q&A session will be followed by a reception with **free drinks and food** to offer the possibility for further discussions.



OSA[®] Student Chapter
The Optical Society



McKinsey&Company



Invited Lecturer

- Hosting of Prof. Dr. Jonathan Dowling for one week
- Presentation about Quantum Technologies followed by a reception.



Schrödinger's Rainbow
The Renaissance in Quantum Optical Interferometry

A Presentation by
Prof. Jonathan P. Dowling
Professor and Hearne Chair of Theoretical Physics
Co-Director, Hearne Institute for Theoretical Physics
Louisiana State University

WHEN:
Wednesday,
Nov. 21st, 4:15 p.m.

WHERE:
Lecture Hall H (Physikum)

FOLLOWED BY
OSA-SC reception
FREE FOOD & DRINKS !

FREE FOOD

OSA Student Chapter
The Optical Society

OMEGA

Young Minds



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Field Trip to Tesat and DLR

- Bus trip to Backnang and Stuttgart to visit
- **Tesat SpaceCom**
→ satellite communication
- **DLR** → German Aerospace Center



Field trip to Tesat and DLR (Backnang/Stuttgart)



Date: May 18th 2011
(whole day)



- free common bus transfer from Erlangen and back

Registration

- via email to: bettina.heim@mpl.mpg.de
- deadline: January 28th

Organized by:

- hbar OMEGA OSA Student Chapter Erlangen
- Erlangen Graduate School in Advanced Optical Technologies (SAOT)



Talks and lab tours



- development, integration and test of systems and equipment for satellite communication
- focus on commercial space programs and the cooperation of military and institutional programs



- German Aerospace Center (DLR)
Institute of Technical Physics, Stuttgart:
- solid state lasers and nonlinear optics
 - active optical systems
 - high energy laser/ chemical oxygen iodine laser (COIL)
 - studies and concepts



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Field Trip to Munich

- Bus trip to Munich to visit
- **Toptica Photonics** → Lasers
- **MenloSystem** → Frequency Combs
- Evening activity at Augustiner Keller



Logos: Young Minds, OMEGA, SAOT

Field Trip to Toptica Photonics and MenloSystems

Logos: TOPTICA PHOTONICS, MenloSystems GmbH

- Friday, March 8th 2013 (whole day - approx.: 6:30 - 23:00)
- free bus trip to Munich and back
- presentations and lab tours:
Toptica Photonics: laser systems
Menlo Systems: frequency combs
- in the evening:
social activity at Augustiner Keller

Registration via email to: christian.mueller@mpl.mpg.de
deadline: Friday, March 1st

Logos: Augustiner Keller, Organized by: hbar OMEGA OSA Student Chapter Erlangen, Erlangen Graduate School in Advanced Optical Technologies (SAOT)



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IONS Germany meetings

- Participation in Berlin (2010) and Karlsruhe (2012)
- Hosting the meeting in 2011
 - presentation by Rachel Won (Nature Photonics editor)
 - lab tours, BBQs, guided city tour through Nuremberg



LOCATION:
Erlangen

DATE:
20 - 22 May 2011

KEYNOTE SPEAKER:
Dr. R. Won
(Senior Editor Nature Photonics)

- OSA Student Chapter presentations
- Laboratory tours
- Social programme:
Visit to the famous medieval city of Nuremberg
Brewery tour in Erlangen

OSA The Optical Society

OMEGA

Young Minds



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Future plans

- Outreach activities
 - Lange Nacht der Wissenschaften 2013
 - School event: „How does science work?“
- Invited lecturer presentation
- Optics BBQ
- 3rd Young Minds Leadership meeting ☺



**Thanks for
your attention!**



MPL

