EPS YM Section
Erlangen

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:
- Chapter advisor:
  Gerd Leuchs, MPL director

MAX PLANCK INSTITUTE
FOR THE SCIENCE OF LIGHT

FAU
FRIEDRICH-ALEXANDER UNIVERSITÄT ERLANGEN-NÜRNBERG

SAOT
OMEGA

young Minds
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)
School outreach

Participation in popular science events:
- „Wissenschaft macht Schule“
  (Science goes School)
- „Lange Nacht der Wissenschaften“
  (Long Night of Sciences)
Invited presentation by a physicist and a mathematician working in consulting.
Invited Lecturer

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

![Group Photo](image)
Field Trip to Munich

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