# Vorlesung Inkohärente Lichtquellen

# Lecture Incoherent Light Sources

**Start March 20th (Int. Day of Happiness)**

| Date | Event | Room | Duration |
|---|---|---|---|
| Wed 2.15 pm | Seminar presentations | G 180 | 135 min |
| Wed 3.00 pm | Lecture and exercises | G 180 | 45 min |
| | (up to 10 additonal points can be obtained for the exam) | | |

| Date | Topic | Student | Dpt. | Points |
|---|---|---|---|---|
| | Chemical light sources / Chemoluminescence | | | |
| 10.04.2024 | Ceramic converter materials for LEDs | Julia Hopster | CIW | |
| 17.04.2024 | Organic LEDs and Polymer LEDs | Mehdi Moammadzadeh | ITB | |
| | Light sources for signalling | | | |
| 24.04.2024 | Architectural and Street lighting | Sepideh Esmaeilian | ITB | |
| 08.05.2024 | Horticulture Lighting and Vertical Urban Farming | Sven Reetz | CIW | |
| 15.05.2024 | (N)IR radiation sources | Anisha Mary Varghese | ITB | |
| | Solid state laser: Materials and application areas | Jisse Rose Thomas | ITB | |
| 15.05.2024 | Celestial light sources - Physics and spectra | | | |
| | High voltage halogen lamps | | | |
| 22.05.2024 | Laser based lighting and projection | Uzay Bora Yildrim | ITB | |
| 22.05.2024 | Medical light sources for diagnostics and therapy | Raphael steinbach | CIW | |
| 29.05.2024 | Aircraft and airfield lighting | Avinash V. Nair | ITB | |
| | Micro LED displays | | | |
| 29.05.2024 | Automotive light sources | Diya Santhosh | ITB | |
| 05.06.2024 | Liquid Crystal Displays (LCDs) & Backlight Units (BLUs) | Lukas Harmeling | CIW | |
| 05.06.2024 | Quantum Dots - Physical basis and application areas | Esmir Hodzic | ITB | |
| | Light sources for photochemistry | | | |
| | Human Centric Lighting (HCL) | | | |
| | Atmospheric gas discharges | | | |
| 12.06.2024 | Free space optical communication | Matthias Hollmann | PHY | |
| 12.06.2024 | Light sources for advertisement und decorations purposes | | | |
| | Optical data transfer | Michael Klipan | ITB | |
| | Flicker of light sources and flicker index | | | |
| | EUV radiation sources for photolithography | Christoph Suuck | ITB | |
| | Retrofit LED Lamps | | | |
| | Advertisement lighting | | | |