

Label-free Bioimaging, 2022 Fall

Zemax-report instructions

- As part of the grading, **students write a brief report about their own simulations** during Zemax-based exercise sessions
- *Nota bene! In order to write the report, one must attend the exercise sessions*
- The report consists of **three sections, each dedicated to their own exercise session**
 - 1) Ideal lens system
 - 2) 3D-scanned Zebrafish geometry
 - 3) 3D-interferometry
- Each section consist of **four following parts:**
 - 1) **Motivation:** *What was scope of the simulation?*
 - 2) **Methods:** *How the simulation model was built (including settings, to provide traceability)?*
 - 3) **Results:** *What was the simulation result and how it relates to the scope?*
 - 4) **Discussion & conclusion:** *Was the simulation successful or not? How could it be improved (if something failed)?*
- Each section is graded in scale [0,1] points, **resulting in total 3 points**
 - o *Please, focus on the clarity of the report (no long unnecessary sentences)*
- **1 extra point may be earned** to compensate a missed demo session, if the report is evaluated as **high quality work**
- **Deadline: 22.12.2022 (at 23.59)**
- If any questions, please, contact the course assistant