

# Exercise 6: Back to SMS

## The LiFi-project

Prof. Dr. Nicolas Meseth

### Overview

In the sixth exercise of the LiFi-project ...

Here are the relevant sections of the online script. Make sure you read everything carefully in order to solve this exercise:

- [17 - Encoding Text](#)
- [18 - Processing Text](#)
- [19 - Text Messages](#)

### Your Tasks

To pass this exercise, you must complete the following tasks and demonstrate the result in the examination interview.

1. **Colors by Menu**
  2. **Hexadecimal Conversion**
  3. **SOS with Morse Code**
- 

### More Exercises to Practice

The following tasks are for you to practice your skills. They are optional and not part of the submission or interview.

#### 4. Random Color Sequence (optional)

#### 5. Traffic Light (optional)

---

### More Questions to Practice

Try to answer the following questions to practice your understanding of the topics around the LiFi-project.

#### 6. Measuring Information

- ...

### Submission and Interview

For this exercise, please submit your working Python code via the designated submission folder in [ILIAS](#).