## Content of the second exam on 13.12.2023, 15:45 - ca. 18:00!!! at Empa Dübendorf

Materials Science and Technology

## Topics:

- Design of FRP profiles and all FRP structures
  Lecture from 18.10.2023, Teacher Prof. Dr. M. Shahverdi
- Flexural strengthening of RC according to SIA166 Lecture from 01.11.2023, Teacher Dr. C. Czaderski
- Column confinement of RC Lecture from 8.11.2023, Teacher Prof. Dr. M. Motavalli
- Externally bonded FRP reinforcement for metallic structures Lecture from 15.11.2023, Teacher Dr. H. Heydarinouri
- Conceptual questions on the topics which were presented in the mentioned lectures. Furthermore, some calculations have to be performed.
- Time: 60 Minutes
- No laptops, tablets, smart phones etc.
- Only a calculator
- One A4 Summary (both sides or two pages one side)