

Instructions for Scientific Working and Writing

Resilient Communication Systems Group

Prof. Dr.-Ing. Vahid Jamali



TECHNISCHE
UNIVERSITÄT
DARMSTADT

November, 2024

General Description

The Scientific Working and Writing module, formerly known as Pro-Seminar Electrical Engineering and Information Technology (ETiT), is designed for bachelor's students in Electrical Engineering and covers topics in electrical engineering and computer science. It is usually students' first exposure to research-oriented seminar, and prepares them for future project seminars and their bachelor thesis. The primary focus is on independently searching the literature, reading and understanding scientific content (e.g., conference papers, journal articles, books), and presenting the findings in both written and oral formats (i.e., a short written report and a presentation to a scientific audience).



Credit Point: 3 CP

Main Instructor: Prof. Dr.-Ing. Vahid Jamali

E-Mail: vahid.jamali@tu-darmstadt.de

1. **Contact Person:** Contact Dr.-Ing. Mohammad Javad Salariseddigh for available topics. E-Mail: mohammad_javad.salariseddigh@tu-darmstadt.de
2. **Topic:** After you are provided with possible topics by the contact person, choose a topic and get in contact with the corresponding supervisor.
3. **Registration:** After you agree with your supervisor on a topic register via [TUCaN platform](#) with TUCaN ID: 18-ja-1000.
4. **Progress and Meeting with Your Supervisor:** It is recommended to agree on a few meetings with the supervisor to get the required support and make sure that you are progressing in the right way. For preparing final report, slides, presentation, and technical questions regarding the paper, you should contact your supervisors.
5. **Report and Oral Presentation:** The students should prepare and write a report for their pro-seminar. The report should include their understanding from the references and should be written in their own narrative style. The report should include 5-10 A4 pages in LaTeX. The LaTeX template conforms to the template of Resilient Communication Systems Lab and will be provided by your supervisor via the online [Share LaTeX platform](#). The finalized report should be submitted to your supervisor before the final date for the oral presentation (put the contact person in cc). Moreover, the student should prepare slides and present their results to researcher of Resilient Communication Systems Lab at the end of semester. Slide presentation should not exceed 15 minutes + 5 minutes discussions and questions.

Latex Hint: If you have questions about how to write mathematical formulas in LaTeX, please find in [Short Introduction to LaTeX](#). A list of TUDa templates is available in [here](#). If this is your first experience with LaTeX, this seminar is an opportunity to practice academic research and writing. You will definitely need it for your future academic career (i.e., in your bachelor and master thesis).



Language: The students are recommended to prepare the report and presentation in English.

Plagiarism: The students must adhere to the General Examination Terms of the Technical University Darmstadt for scientific works. In particular, using Artificial Intelligence tools such as ChatGPT to create contents of presentation or slides is forbidden. Such usage constitutes a cheating attempt (following §38 APB). Please study the official instructions for [General Examination Terms](#).

Eligible Modules: The following three degree programs can register for the pro-seminar.

- BSC ETiT
- BSC MEC
- BSC iST

Student from other degree programs (with an affinity with electrical and computer engineering topics) who are interested to take their pro-seminar in the RCS group, must contact Dr.-Ing. Salariseddigh beforehand.

Final Remarks: We recommend that the bachelor students in their 5th semester register for this seminar. Since they would have enough time to be prepared for their project seminar and bachelor thesis appropriately. Furthermore, this would help you to know your favorite topics for working in project seminar and bachelor thesis. If you are interested to work in a team of two person, please check this beforehand with Dr.-Ing. Mohammad Javad Salariseddigh.
