

**Application for Seminars and Labs at the Institute of Computer Science 4
(Work Groups of Prof. Martini and Prof. Meier) - WINTER TERM 2022/23**

Registration period for Seminars, Labs during the lecture time:

until **4. September 2022**

Durations:

- Seminars: October 2022 – February 2023, exact dates t.b.a.

- Labs: October 2022 – March 2023, exact dates t.b.a.

Please note: This form is part of a preliminary placement procedure which is not tantamount to registering for participation in exams, and does **not** replace the registration via BASIS!

Personal Data

<p>Name <input style="width: 90%;" type="text"/></p> <p>Given Name <input style="width: 90%;" type="text"/></p> <p>Course of Studies <input style="width: 90%;" type="text"/></p>	<p>E-Mail <input style="width: 90%;" type="text"/></p> <p>Matriculation number <input style="width: 90%;" type="text"/></p> <p>Semester of study <input style="width: 30%;" type="text"/></p>
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Note: The topics offered will be supervised by staff members of the Institute of Computer Science (Campus Poppelsdorf) as well as staff members of Fraunhofer FKIE (Zanderstraße 5). This includes regular meetings and/or provision of working environments. You can indicate your preferences below. We will try to consider them as far as possible.

- I am fine with both locations.
- I prefer the university premises (Campus Poppelsdorf).
- I prefer the FKIE premises (Zanderstraße, Bad Godesberg).

Special remarks:

I would like to take part in the following Master courses:

- Seminar MA-INF 3209 „Selected Topics in Communication Management“ or Seminar MA-INF 3317 „Selected Topics in IT Security“ - depending on chosen topic**

The seminar will take place during the semester. The procedure is similar to a scientific conference. First, you will have to get familiar with your assigned topic and write a report. Then you submit the report to our conference management system for review. Also, you review the report of at least one of your colleagues. Based on the received reviews, you improve your report. Ultimately you present your topic at an en bloc presentation.

Please select **at least 3** of the following topic areas that raise your interest for the seminar. Depending on the overall situation of registrants, we will try to offer individual seminar topics that match your choices to the most possible extent. **Attending the initial meeting and the final presentations is mandatory for passing the seminar! Be sure to regularly check your mails to stay updated!** The initial meeting will take place on October 14 2022, 9:30 – 11:00. Details will be communicated to all accepted applicants.

- Identity Leakage
- Communication Networks
- Threat Intelligence
- Offensive Security
- Machine Learning
- Forensics
- Malware/Binary Analysis

As an option, you can name additional specific topics of interest which you would possibly like to deal with in your seminar work:

Regarding your desired seminar topics, what is your current background knowledge? **(required field)**

After the registration period you will receive an email that indicates the topic and the supervisor that have been assigned to you.

- Lab MA-INF 3304 „Communication and Communicating Devices“ or Lab MA-INF 3229 „IT Security“ – depending on chosen topic**

The lab will take place during the semester. Initially you will have to get familiar with your assigned topic and conduct the actual lab. Afterwards, you will write a report and prepare a presentation describing your work. The initial meeting will take place on October 14, 2022, 11:30 – 13:00. Details will be communicated to all accepted applicants; participation is voluntary.

Please select **at least 3** of the following topic areas that raise your interest for the lab. Depending on the overall situation of registrants, we will try to offer individual lab topics that match your choices to the most possible extent.

- Autonomous Security Mechanisms
- Cyber Resilience
- Hardware Security
- Communication Networks
- Machine Learning
- Offensive Security
- Secure Software
- Identity Leakage

As an option, you can name additional specific topics of interest which you would possibly like to deal with in your lab work:

Regarding your desired lab topics, what is your current practical experience? **(required field)**

- I already have a lab certificate and would like to attend a second lab in order to get familiar with my master thesis topic.

Further information about myself

- Yes, I am planning to do my final thesis in department 4; presumably in (please specify):

Winter term of

Summer term of

Please name your key activities so far. This may include activities in your studies as well as in your job, if applicable **(required field)**:

→ Please observe next page

If there are any restrictions regarding your time schedule over the semester, please name them here. It will help us to coordinate meetings and other events.

Submitting your registration

Please save the completed form using your family name and semester (example: NAME_application form Master_semester.pdf) and e-mail it to cs4-seminars-labs@lists.iai.uni-bonn.de before the deadline.

Privacy Statement

1. Intended data use

The data is used for the exclusive purpose of assigning the seminar and lab topics in the work groups of the Institute of Computer Science 4 at the University of Bonn.

2. Propagation

The data will not be given to other departments or institutions.

3. Storage

The student may choose if the registration data will be saved

- a. electronically or
- b. as a computer printout of the filled-in and signed registration form.

4. Deletion

The data will be deleted as soon as they are no longer needed for teaching-related administrative tasks. If a student formally asks for prior deletion of his/her data, the data will be deleted immediately.