

CALL FOR APPLICATIONS

CRC TR 224 Summer School on Recent Advances in Mechanism and Information Design: Theory and Applications

Annweiler, Germany, August 19-23, 2024

sponsored by the Collaborative Research Center TR 224 at the Universities of **Bonn** and **Mannheim**

Application Deadline: June 02, 2024

Notification Deadline: June 05, 2024

The Collaborative Research Center TR 224 at the Universities of Bonn and Mannheim (EPOS) invites applications for its **Summer School on Recent Advances in Mechanism and Information Design**. The call is aimed at Ph.D. students and recent post-docs.

The lecturers are **Benny Moldovanu (University of Bonn)** and **Zvika Neeman (Tel Aviv University)**.

The School will take place at the **Jugendstil-hotel Trifels in Annweiler**, Germany, from Monday, August 19 to Friday, August 23, 2024. Kurhaus Trifels in Annweiler, Germany is situated in a nice wine-growing area between Heidelberg and Strasbourg, about two hours by train from Frankfurt Airport.

Besides frontal lectures in the mornings, there will be tutoring sessions and opportunities for participants to briefly present their own work about the school's topics. Please mention in the application whether you would like to make a short presentation (of about 20 minutes) and please include a draft (this may be incomplete) of the respective paper with your application. Presentations are optional rather than mandatory.

Deposit: A payment of 300 EUR needs to be transferred by admitted students within two weeks of notification (the deposit will be reimbursed after attending the whole summer school).

Travel expenses, board & lodging: Lodging and meals during the summer school will be covered; travel expenses will be partially reimbursed if overseas flights are required, reimbursement details will be made available upon acceptance (attending the whole summer school is required).

Childcare: Limited childcare facilities might be available for participants with young children upon request.

Application: **Please register online** and upload your curriculum vitae as well as a statement of purpose (maximum one page). Please also upload a draft of your work in case you would like to present it. Please arrange for a brief letter of support by your adviser or other relevant faculty (mandatory) to be sent to crctr224@uni-bonn.de. The letter can be informal.

All application materials, including the letter of support, must be received by June 02, 2024.

CONTACT

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Program

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Topics that will be covered include:

- 1) Stochastic Orders and Optimization of Convex Functionals
- 2) Dominant Strategy vs. Bayesian Implementation, and their equivalence
- 3) Reduced Form Auctions
- 4) Optimal Auctions, (Two-sided) Contests and Inequality
- 5) Decision Making under Non-Expected Utility
- 6) Bayesian Persuasion: Theory & Examples
- 7) Optimal Delegation vs Bayesian Persuasion, and their Equivalence
- 8) Experimental Approaches to Persuasion
- 9) The Design of Privacy
- 10) Commitment and Deception
- 11) Robust Cheap Talk

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