



## Dagstuhl Online Seminar Application - Winter 2019/20

Submission for Dagstuhl Seminar and Dagstuhl Perspectives Workshop Proposals

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### Register Proposal

**Please review the entire form before completing it.**

#### Contact Author Information

*Further authors can be added later on from DOSA's main menu.*

*If you replace an author by editing the information here, please make sure that you also change the CV, respectively, if you have already uploaded it.*

**Name:**    
*First/Given Name Last/Family Name*

**Organization:**   
*Please specify only the name of your university, company, or similar (for example, "University of Podunk", "Podunk Software Corporation", "self-employed", "unemployed", "retired",...). Do not include your department or division, except when it constitutes the institution itself, i.e., "Department of the Interior".*

**Country:**    
*Please select ISO 3366-1 country names.*

**Email:**   
*Please provide your email address. In general, most of our communications with the organizer team happens with the "Contact Author" (see below).*

**Homepage:**   
*Please provide the URL of your homepage, if available.*

**Gender:**

**Title:**

**Industry:**  **Yes**  
*Please tick if you are a researcher who works for an industrial company.*

**Authors Justification:**

*If your proposal has multiple authors from the same organization, please give a sound scientific justification for this in the space above, and in the proposal itself. This field is the same for all organizers and shown for each of them.*

#### General Information

**Proposal Title**

- Please respect the limit of 80 characters.*
- Please do not include as part of the title "Dagstuhl Seminar", "Proposal", or any similar phrase.*
- Please capitalize your title as in, e.g., "The Great Unifying Theory of Informatics".*

## Organizational Matters

**Type of Event**  Dagstuhl Seminar  Dagstuhl Perspectives Workshop

**Number of Participants**  About 45  About 30

**Duration**  5-day seminar  3-day seminar

- *5-day: In general, arrival Sunday afternoon, begin Monday morning, end/departure Friday noon.*
- *3-day: In general, arrival Sunday afternoon, begin Monday morning, end/departure Wednesday noon.*
- *You may apply for a seminar with 30 or 45 participants. In either case, please specify whether your proposed seminar is for 3 or 5 days.*
- *Short 3-day seminars with 45 participants are uncommon, as they could complicate the group dynamics. However, they are possible and there are successful examples even for this combination.*

**Resubmission**

*If your proposal is based on a previous submission which has not been accepted, please provide the proposal number of the original submission as stated in the notification letter (e.g. 99-0910).*

**Predecessor**

*If your proposed seminar succeeds a previous one in the same area organized by at least one member of your organizing team, please give the seminar number of the predecessor (e.g. 11123).*

## Technical Areas

### Miscellaneous

- Seminar is especially well suited for a press release for the general interest media. We would be willing to collaborate on this.
- Seminar is interdisciplinary, i.e., it will also have participants from outside computer science.

### Topics

*We kindly ask you to select at least one up to three areas that are most relevant to your proposal. We are using computer science categories based on those used by arXiv. More information about the categories can be found on <https://arxiv.org/corr/subjectclasses>.*

- cs.AI – Artificial Intelligence
- cs.AR – Hardware Architecture
- cs.CC – Computational Complexity
- cs.CE – Computational Engineering, Finance, and Science
- cs.CG – Computational Geometry
- cs.CL – Computation and Language
- cs.CR – Cryptography and Security
- cs.CV – Computer Vision and Pattern Recognition
- cs.CY – Computers and Society
- cs.DB – Databases
- cs.DC – Distributed, Parallel, and Cluster Computing
- cs.DL – Digital Libraries
- cs.DM – Discrete Mathematics
- cs.DS – Data Structures and Algorithms
- cs.ET – Emerging Technologies

- cs.FL – Formal Languages and Automata Theory
- cs.GR – Graphics
- cs.GT – Computer Science and Game Theory
- cs.HC – Human-Computer Interaction
- cs.IR – Information Retrieval
- cs.IT – Information Theory
- cs.LG – Machine Learning
- cs.LO – Logic in Computer Science
- cs.MA – Multiagent Systems
- cs.MM – Multimedia
- cs.MS – Mathematical Software
- cs.NA – Numerical Analysis
- cs.NE – Neural and Evolutionary Computing
- cs.NI – Networking and Internet Architecture
- cs.OS – Operating Systems
- cs.PF – Performance
- cs.PL – Programming Languages
- cs.RO – Robotics
- cs.SC – Symbolic Computation
- cs.SD – Sound
- cs.SE – Software Engineering
- cs.SI – Social and Information Networks
- cs.SY – Systems and Control
- cs.OH – Other Computer Science

**Other Classification:**

*If you have chosen the "cs.OH - Other Computer Science" category or - in general - if you think that your topic is not represented adequately within the arXiv computer science categories, please give your favorite classification and a pointer to the system you used.*

**Keywords:**

*Please use single words or short phrases and separate them by ";". Please use no more than 5 words / phrases.*

**Content**

**Abstract:**

*Please restrict yourself to about 250 words. The abstract should summarize the scientific content of your proposal and should be fully comprehensible to potential reviewers who have not read the complete proposal. Proposal reviews will be selected and assigned solely on the basis of the abstracts.*

**Abstract Authored by:**

*Please enter here the names of the authors attributed to the abstract. Please do not include persons not listed as authors of the proposal. If the proposal is accepted, Schloss Dagstuhl might publish the abstract as a short seminar description. In case of publication it will be published under a Creative*

*Commons CC BY license (<http://creativecommons.org/licenses/by/3.0/>). The authors retain their copyright.*

**How did you find us:**

*We are interested to learn how you or the initiator of this Dagstuhl Seminar / Dagstuhl Perspectives Workshop proposal have learned about the opportunity to submit a proposal now.*

**Privacy**

Your proposal will be subject to the usual scientific processing procedure, i.e., will be evaluated by reviewers and analysed by Schloss Dagstuhl. As the proposal does contain personal data, we ask you to enable us to so by consenting to the following terms and conditions.

- Schloss Dagstuhl will store and process your proposal, including using automated systems. ([show details](#))
- For the purpose of evaluating your proposal, it will be passed to reviewers, who might reside outside the European Union. ([show details](#))
- For the purpose of evaluating and making a decision on your proposal, it will be passed on to the members of Schloss Dagstuhl's Scientific Directorate.

I hereby accept Dagstuhls data privacy policy (<https://www.dagstuhl.de/privacy/events>), in particular the above terms and conditions.

**Password**

*Please provide a password that you will remember. You will need this password, together with the proposal identification number that you will receive via email upon submission of this form, for logging into the submission system DOSA later on.*

**Password:**

**Confirm:**

**Submission**

***Please double check the entered data and make sure that everything is filled out correctly. When ready, click on the "Register Proposal" button below.***