

## Call for Contributions

LPNMR Doctoral Consortium 2019

Philadelphia, USA

June 6, 2019

<http://dbai.tuwien.ac.at/lpnmr-dc-19/>

### Topic and Objective

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The LPNMR Doctoral Consortium (DC) is to be held as part of the 14th International Conference on Logic Programming and Non-monotonic Reasoning (LPNMR 2019) in the Philadelphia, USA, June 3-7, 2019. The DC provides a forum for doctoral students working in all areas related to logic programming and non monotonic reasoning. The DC gives students the opportunity to present and discuss their research and to obtain feedback from peers as well as world-renowned experts a supportive environment.

The 15th International Conference on Logic Programming and Non-monotonic Reasoning (LPNMR) is a forum for exchanging ideas on declarative logic programming, non-monotonic reasoning, and knowledge representation. The aim of the conference is to facilitate interactions between researchers and practitioners interested in the design, implementation and application of logic-based programming languages and database systems, and those who work in the area of knowledge representation and non-monotonic reasoning.

During the DC, there will be significant time for students to present their work, and meet mentors from their own and closely related fields.

### Target Audience

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The DC is designed for students currently enrolled in a Ph.D. program, though we are also open to exceptions (e.g., students currently in a Master's program and interested in doctoral studies). Students at any stage in their doctoral studies are encouraged to apply for participation in the DC, but preference will be given to students who have settled on a research topic or direction but still have some way to go in their studies. Applicants are expected to conduct research in areas related to logic and constraint programming; topics of interest include (but are not limited to):

- Theoretical Foundations of LPNMR systems, including semantics of new or existing languages, new language extensions, and computational complexity
- Implementation of LPNMR systems, including new systems and algorithms
- Applications of LPNMR

The DC allows participants to interact with established researchers and fellow students, through presentations, a poster session, question-answer sessions and social interactions. The Doctoral Consortium will provide the possibility to reflect - through short activities, information sessions, and discussions - on the process and lessons of research and life in academia. Each participant will give a

short, critiqued, research presentation, present a poster at the main event and attend a lunch in small groups with their mentor/senior researcher.

## Application Process

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Students at both the PhD and late stage masters level are encouraged to apply. However, preference will be given to students in PhD programs. Submissions will be selected based on the assessment of the organizing committee. We will give preference to students who have settled on a research topic or direction but still have some way to go in their studies. Applications will be reviewed based on several factors including the quality of the work submitted, stage of research, evidence of research progress, the committee's assessment of the student's contribution to and benefit from participating in the DC, and input from the student's advisor.

1. Cover Sheet: This is a one page information sheet which should include:

- Your full name, gender, contact details (including phone number), official affiliation, and home page;
- Your expected graduation date and the number of years in your current program;
- Your thesis advisor's full name and contact details;
- A list of up to 5 people within the LPNMR community you feel would be good mentors or are people you want to talk to;
- A list of up to 5 keywords that you would use to describe your research.

2. Extended Abstract: This should be a thesis summary in LLNCS format no longer than 6 pages (including references), which gives a brief background for your thesis research, explains the central question of your research, and explains the work you have accomplished so far. Be sure to clearly describe your work (e.g., what you have done, and what you plan to work on), while emphasizing the contributions and their significance. Please use the first person where appropriate. This should not be a reduced version of a single paper. This abstract should be about your dissertation not an individual paper.

3. Vita: A CV not to exceed 3 pages which includes your background and a brief statement of your research interests; relevant experience in research, education, or employment; and any publications (accepted or pending) for conferences or journals.

4. Personal Statement: A short statement not to exceed 1 page which outlines what you hope to gain from the DC and what unique perspective you can contribute to the discussions. Please mention if you have participated in any past DCs or plan to participate in any other DCs. Please also include whether or not you have submitted a paper to LPNMR.

5. Advisor/Supervisor Statement: A signed supporting statement from your advisor or supervisor explaining why he/she thinks it is a good idea for you to participate in this event.

Please submit all application materials as one PDF per e-mail to DC organization chairs:

Fangkai Yang,  
NVIDIA Corporation,

[wolfgang.yang@gmail.com](mailto:wolfgang.yang@gmail.com)

Jörg Pührer  
TU Wien  
[jpuehrer@dbai.tuwien.ac.at](mailto:jpuehrer@dbai.tuwien.ac.at)

Applications will be reviewed based on several factors including the quality of the work submitted, stage of research, evidence of research progress, the committee's assessment of the student's contribution to and benefit from participating in the DC, and input from the student's advisor. Details regarding publication of extended abstracts and financial support will be published on the DC website at a later date.

#### Important Dates

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Application Submission: ~~Mar 24, 2019~~ Apr 1, 2019  
Notification: Apr 26, 2019  
Camera-ready Version: May 8, 2019  
Doctoral Consortium: Jun 6, 2019

#### Committees

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##### Organization Chairs:

Jörg Pührer, TU Wien  
Fangkai Yang, NVIDIA Corporation

##### Program Committee:

Pedro Cabalar, University of Corunna  
Marina De Vos, University of Bath  
Martin Gebser, Alpen-Adria-Universität Klagenfurt  
Vladimir Lifschitz, University of Texas at Austin  
Francesco Ricca, University of Calabria  
Alessandra Russo, Imperial College London  
Hans Tompits, TU Wien