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14. ABSTRACT
The 10th conference on Bayesian nonparametrics was held in North Carolina State University Campus, Raleigh, NC, June 22-26, 2015. About 180 participants all over the world attended the conference. There were about 30 plenary and invited talks, over 50 contributed talks and about 30 poster presenters. The meeting allowed researchers working in theory, methods and applications of Bayesian nonparametric statistics to exchange ideas. Young researchers particularly benefited from the meeting by presenting their work in presence of senior researchers. ~~Many of the invited and contributed speakers and almost all poster presenters were young participants. A~~

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Bayesian nonparametrics, conference, participant support

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Report Title

Final Report: 10th Conference on Bayesian Nonparametrics

ABSTRACT

The 10th conference on Bayesian nonparametrics was held in North Carolina State University Campus, Raleigh, NC, June 22-26, 2015. About 180 participants all over the world attended the conference. There were about 30 plenary and invited talks, over 50 contributed talks and about 30 poster presenters. The meeting allowed researchers working in theory, methods and applications of Bayesian nonparametric statistics to exchange ideas. Young researchers particularly benefited from the meeting by presenting their work in presence of senior researchers. Many of the invited and contributed speakers and almost all poster presenters were young participants. A significant number of female researchers participated in the conference. The findings from the conference is widely disseminated. The conference web site displays slides of the talks presented in the conference for free public viewing whenever the authors gave permissions to do so. Moreover a special volume on Bayesian nonparametrics is being published by the Electronic Journal of Statistics consisting of about 20 papers read at the conference. The support from ARO allowed the organizers fund local hospitality for invited speakers and several young researchers. By providing local hospitality, the organizers were able to significantly reduce the financial burden on the participants for attending the conference and hence increased participation.

Enter List of papers submitted or published that acknowledge ARO support from the start of the project to the date of this printing. List the papers, including journal references, in the following categories:

(a) Papers published in peer-reviewed journals (N/A for none)

Received   Paper

TOTAL:

Number of Papers published in peer-reviewed journals:

(b) Papers published in non-peer-reviewed journals (N/A for none)

Received   Paper

TOTAL:

Number of Papers published in non peer-reviewed journals:

(c) Presentations

Not applicable

Number of Presentations: 0.00

Non Peer-Reviewed Conference Proceeding publications (other than abstracts):

<u>Received</u>   <u>Paper</u>

TOTAL:

Number of Non Peer-Reviewed Conference Proceeding publications (other than abstracts):

Peer-Reviewed Conference Proceeding publications (other than abstracts):

<u>Received</u>   <u>Paper</u>

TOTAL:

Number of Peer-Reviewed Conference Proceeding publications (other than abstracts):

(d) Manuscripts

<u>Received</u>   <u>Paper</u>

TOTAL:

Number of Manuscripts:

Books

<u>Received</u>   <u>Book</u>

TOTAL:

<u>Received</u>   <u>Book Chapter</u>

TOTAL:

Patents Submitted

Not applicable

Patents Awarded

Not applicable

Awards

Not applicable

Graduate Students

<u>NAME</u>	<u>PERCENT_SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Names of Post Doctorates

<u>NAME</u>	<u>PERCENT_SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Names of Faculty Supported

<u>NAME</u>	<u>PERCENT_SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Names of Under Graduate students supported

<u>NAME</u>	<u>PERCENT_SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Student Metrics
This section only applies to graduating undergraduates supported by this agreement in this reporting period

The number of undergraduates funded by this agreement who graduated during this period: 0.00

The number of undergraduates funded by this agreement who graduated during this period with a degree in science, mathematics, engineering, or technology fields:...... 0.00

The number of undergraduates funded by your agreement who graduated during this period and will continue to pursue a graduate or Ph.D. degree in science, mathematics, engineering, or technology fields:...... 0.00

Number of graduating undergraduates who achieved a 3.5 GPA to 4.0 (4.0 max scale):...... 0.00

Number of graduating undergraduates funded by a DoD funded Center of Excellence grant for Education, Research and Engineering:...... 0.00

The number of undergraduates funded by your agreement who graduated during this period and intend to work for the Department of Defense 0.00

The number of undergraduates funded by your agreement who graduated during this period and will receive scholarships or fellowships for further studies in science, mathematics, engineering or technology fields: 0.00

Names of Personnel receiving masters degrees

NAME

Total Number:

Names of personnel receiving PHDs

NAME

Total Number:

Names of other research staff

NAME   PERCENT_SUPPORTED

FTE Equivalent:
Total Number:

Sub Contractors (DD882)

Inventions (DD882)

Scientific Progress

List of Appendixes, Illustrations and Tables: Not applicable

Statement of the problem studied:

The goal of this conference proposal is to provide support to participants of 10th conference on Bayesian nonparametrics, Raleigh, NC, June 22-26, 2015.

Summary of the most important results

The ARO grant made it possible to provide accommodation to about 15 invited speakers and other participants in a hotel in Raleigh during conference days. Many of the participants were young researchers and a significant number of female participants attended the conference. The support from ARO made it possible for young researchers, especially students who normally do not have other funding sources, to attend the conference by making it very affordable, and thus increased participation. About 180 participants all over the world attended the conference. There were about 30 plenary and invited talks, over 50 contributed talks and about 30 poster presenters. The meeting allowed researchers working in theory, methods and applications of Bayesian nonparametric statistics to exchange ideas. Young researchers particularly benefited from the meeting by presenting their work in presence of senior researchers.

A special volume on Bayesian nonparametrics is being published by the Electronic Journal of Statistics consisting of about 20 papers read at the conference.

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Bibliography
https://www2.stat.duke.edu/bnp10/index.html?page_id=34.html

Technology Transfer

Not applicable