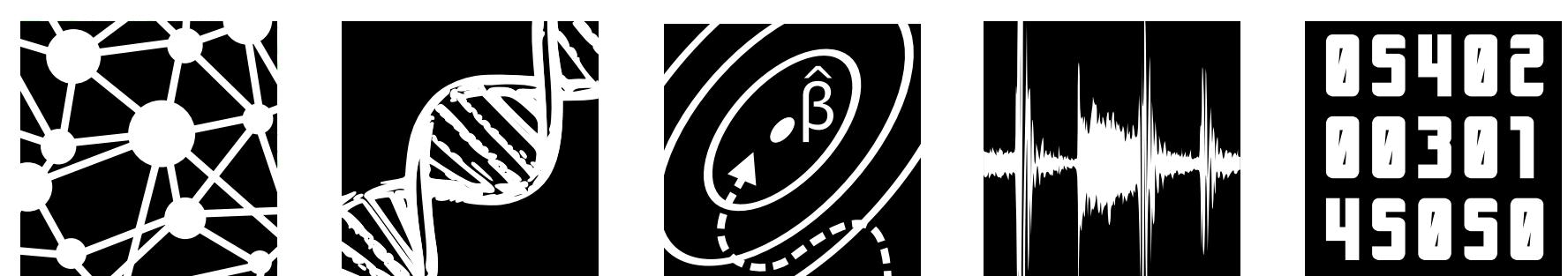


# WiML

## Women in Machine Learning



### PHOTOS OF PAST WiML WORKSHOPS



### A BRIEF HISTORY OF THE WORKSHOP

**2005**

Hanna Wallach, Jennifer Wortman Vaughan, Lisa Wainer, and Angela Yu shared a room at NIPS. Late one night, they talked about how exciting it was that there were FOUR female students at NIPS that year. They tried to list all the women in machine learning they knew of and got to 10, then started talking about creating a meeting or gathering for all these women and perhaps others that they didn't know about.

**2006**

Jenn, Lisa, and Hanna put together a proposal for a session at the 2006 Grace Hopper Celebration for women in computing that would feature talks and posters by female researchers and students in machine learning.

On February 1, Hanna sent Jenn and Lisa an email saying: "You know we emailed TWENTY-FIVE female machine learning researchers today. I'm stunned. I had no idea there were so many!" By the time the Grace Hopper organizers got back to them, there was so much additional interest from women not listed on the proposal, that they decided to withdraw the proposal and hold the event as a separate, day-long workshop, co-located with Grace Hopper.

**2007**

**1st WiML Workshop**

At the first workshop, there were 60 student presenters, and almost 100 participants! (3 were men) Amy Greenwald helped the team put together a grant proposal to pay for travel for the student presenters.

**2008**

**2nd WiML Workshop**

The second WiML workshop in was also co-located with with Grace Hopper.

**2009**

**3rd WiML Workshop**

In 2008, the NIPS foundation supported moving WiML to NIPS. It seemed more appropriate for the workshop to be co-located with a machine learning conference, and co-locating with NIPS enabled students to "dual purpose" their WiML travel funding so as to offset the cost of attending NIPS, thereby increasing the number of women at the conference.

Furthermore, by holding the workshop the day before the main conference, workshop attendees could recognize one another throughout the rest of the conference.

**2010**

**4th WiML Workshop**

In late 2009, the Women in Machine Learning Executive Board was established in order to ensure the continued success of the workshop and facilitate projects with a lifespan of more than one year. Since then, the board has other secured two NSF grants, gathered and analyzed impact statistics, and established a mentoring program, among other activities.

**2011**

**5th WiML Workshop**

When WiML moved with NIPS to Montreal in 2014, the organizers worked to provide a Mother's room for the duration of the WiML workshop and part of NIPS.

**2012**

**6th WiML Workshop**

By 2015, WiML was able to provide a Mother's room for the full duration of the NIPS conference.

**2013**

**7th WiML Workshop**

Each year, the WiML community grows, and we are glad to have you here!

All genders are welcome to attend the poster sessions and listen to the speakers.

**2014**

**8th WiML Workshop**

Topic models capture stylistic and content patterns in language, and are intended to provide insight, but not a complete taxonomy.

Note that each abstract can be described by more than one topic.

**2015**

**9th WiML Workshop**

Topic models capture stylistic and content patterns in language,

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**2016**

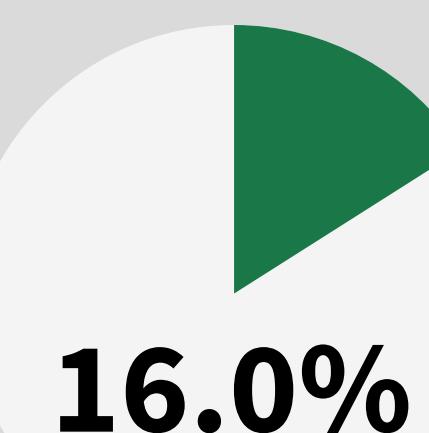
**10th WiML Workshop**

**TODAY**

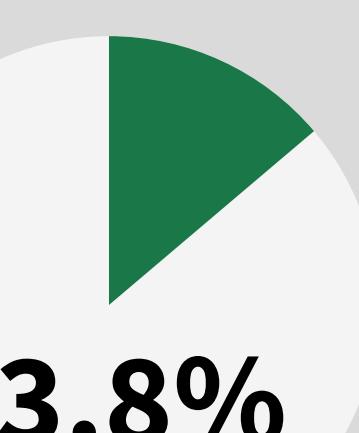
### TOPIC MODELING OF 2015 WiML ABSTRACTS



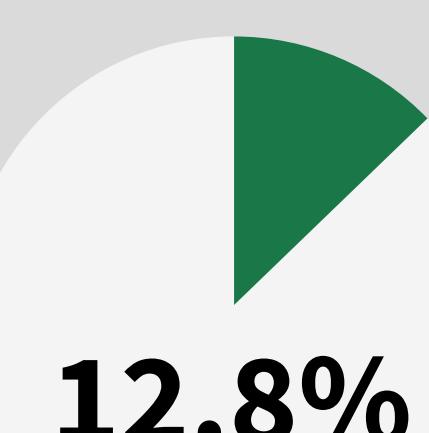
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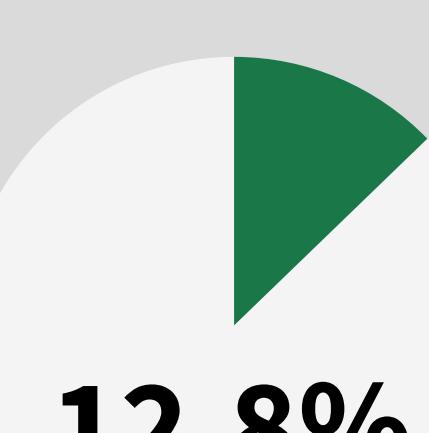
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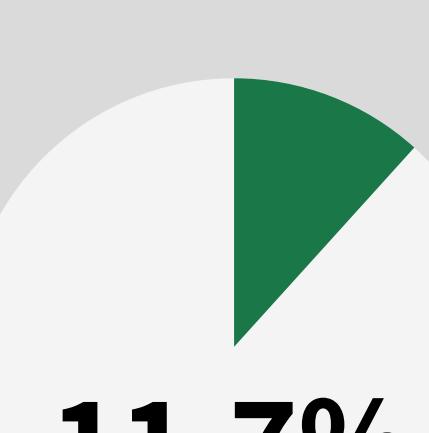
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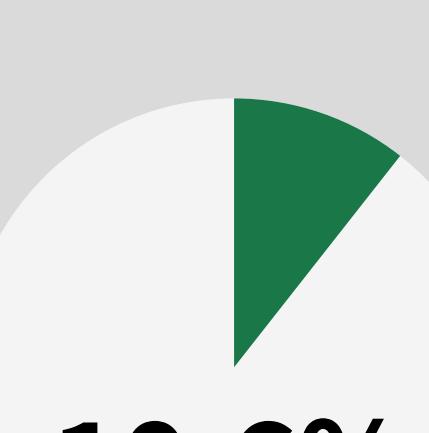
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CLASSES  
DOMAIN  
ATTRIBUTE  
ATTRIBUTES



PLAYERS  
PRIVACY  
MECHANISM  
LEMMA  
REGRESSION



LABEL  
LABELS  
TEXT  
SUPERVISED  
MULTI



HOMES  
SCHEDULE  
HOME  
ENERGY  
SMART



PATTERN  
PATTERNS  
LOG  
PRIOR  
CLASS



SEQUENCE  
OUTPUT  
CONVEX  
ATTENTION  
NET



NODES  
SGD  
NODE  
DISTRIBUTED  
MEMORY



PATH  
CONCEPT  
ADAPTIVE  
LEARNERS  
CONCEPTS



SEQUENCE  
VIDEO  
LSTM  
CNN  
FRAMES



LDA  
MOMENTS  
LOG  
DOCUMENT  
ERROR



EYE  
POWER  
PIXELS  
CAMERA  
CENTER



NETWORK  
MUSIC  
NETWORKS  
BOUNDARY  
LAYER

Topic models capture stylistic and content patterns in language, and are intended to provide insight, but not a complete taxonomy. Note that each abstract can be described by more than one topic.