Doris Jung-Lin Lee

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EDUCATION

Ph.D. Computer Science, University of Illinois, Urbana-Champaign   Aug 2016 - Present

B.A. Physics, Astrophysics, University of California, Berkeley   Sept 2013 - May 2016

RESEARCH EXPERIENCE

Graduate Student Research Assistant at UIUC	Aug 2016 - Present
Lawrence Berkeley National Lab Scientific Data Management Group	May 2016 - Aug 2016
UC Berkeley AMP Lab Big Data Genomics Group	January 2016 - Aug 2016
UC Berkeley Hybrid Ecologies Lab	June 2014 - Aug 2016
Princeton Astrophysical Fluid Dynamics Group	Summer 2015
UC Berkeley Star Formation Theory Group	November 2014 - Aug 2016
University of Illinois Laboratory for Cosmological Data Mining	May 2014 - Jan 2016

PUBLICATIONS

- Ling Jin, **Doris Lee**, Alex Sim, Sam Borgeson, John Wu, Anna Spurlock and Annika Todd, Comparison of Clustering Techniques for Residential Energy Behavior using Smart Meter Data, *2nd International Workshop on Artificial Intelligence for Smart Grids and Smart Buildings* In conjunction with AAAI 2017.

- **Doris Jung-Lin Lee**, Joanne Lo, Moonhyok Kim, Eric Paulos, Crowdclass: Designing classification-based citizen science learning modules. *The Fourth AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2016)*, Austin, Texas, November 2016.

- Joanne Lo, **Doris Jung-Lin Lee**, Nathan Wong, David Bui, Eric Paulos,"Skintillates: Towards Epidermal Interactions". *ACM Designing Interactive Systems (DIS)*, Brisbane, Australia, June 2016. *Honorable Mention.*

- Laura Devendorf, Joanne Lo, Noura Howell, **Jung Lin Lee**, Nan-Wei Gong, M. Emre Karagozler, Ivan Poupyrev, Eric Paulos, Kimiko Ryokai,"'I dont want to wear a screen': Probing perceptions of and possibilities for dynamic displays on clothing". *ACM Transactions on Computer-Human Interaction (CHI)*, San Jose, USA, May 2016. *Best Paper Award.*

- **Jung Lin Lee**, Robert J. Brunner, "Creating updated, scientifically-calibrated mosaic images for the RC3 Catalogue"(2015) [arXiv:1512.01204].

PRESENTATIONS

- Crowdclass: Designing classification-based citizen science learning modules. [Slides]
    - 10/31/16 HCOMP, Austin, Texas
    - 10/18/16 UIUC HCI Seminar, Champaign, Illinois
    - 10/13/16 Zooniverse Seminar, Chicago, Illinois

- 06/23/16 **Doris Jung-Lin Lee**, Robert Brunner, "Pattern Discovery and Large-Scale Data Mining on Cosmological Datasets". 6th Workshop on Algorithms for Modern Massive Data Set (MMDS). [Poster]

- 08/08/15 **Jung Lin Lee**, Kengo Tomida, James Stone, "Three-Dimensional Simulations of Instabilities in Accretion Disk Torus". Princeton University Undergraduate Summer Research Program Final Presentation. August 2015. [Technical Report]

- 03/25/15 **Jung Lin Lee**, Robert Brunner, "Creating updated, scientifically-calibrated mosaic images for the RC3 Catalogue". Society of Physics Students West Coast Zone Meeting. March 2015. [Poster]

PATENTS

- *Skintillates: Towards Epidermal Electronics Interactions.* Eric Paulos, Joanne Lo, **Jung-Lin Lee**, U.S. Provisional Patent Application No.62/174,735, June 2015.

- *Individually Addressable, Highly Efficient, Trifunctional Conductive Thread.* Eric Paulos, Kimiko Ryokai, Joanne Lo, Laura Devendorf, **Jung-Lin Lee**, Nan-wei Gong, Karen Robinson, Ivan Poupyrev, June 2015.

AWARDS

- Computer Science Excellence Fellowship   Oct 2016
- ACM DIS 2016 Honorable Mention Award   June 2016
- ACM CHI 2016 Best Paper Award   May 2016

SERVICE

SIGCHI Executive Committee Student Volunteer
Reviewer IUI 2017
News Editor for Association for Computing Machinery Student Magazine   Nov 2014-August 2016