

Yukitoshi Murase

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Research Interests

Interests.....

- Spoken Dialog System, Spoken Language Processing, Spoken Language Understanding, Dialog Management, Dialog Analysis, Knowledge Base, Graph Theory, Graph Algorithm, Machine Learning, Deep Learning, Reinforcement Learning, Applied Statistics, Applied Linear Algebra

Education

- **Nara Institute of Science and Technology (NAIST)** **Japan**
D.Eng., Supervisor: Satoshi Nakamura *April 2018–Now*
Co-supervisor: Koichiro Yoshino
- **Nara Institute of Science and Technology (NAIST)** **Japan**
M.Eng. in Information Science, Supervisor: Satoshi Nakamura *April 2016–March 2018*
Co-supervisor: Koichiro Yoshino
- **University of California, San Diego (UCSD)** **U.S.A**
B.A. in Computer Science *September 2011–December 2014*

Experiences

- **Augmented Human Communication Lab. at NAIST** **Japan**
Research Assistant *April 2018–Now*
- **Augmented Human Communication Lab. at NAIST** **Japan**
Researcher *January 2017–Now*
- **Lecture of Sequential Data Modeling at NAIST** **Japan**
Teaching Assistant *June 2017–August 2017*
- **Augmented Human Communication Lab. at NAIST** **Japan**
Researcher *December 2015–March 2016*

Publication

Journal Papers (refereed).....

- Yukitoshi Murase, Koichiro Yoshino and Satoshi Nakamura.
"Associative Knowledge Feature Vector Inferred on External Knowledge Base for Dialog State Tracking."
Computer Speech and Language (accepted), 2018

International Conference and Workshop (refereed).....

- Yukitoshi Murase, Koichiro Yoshino, Masahiro Mizukami and Satoshi Nakamura.
"Feature Inference Based on Label Propagation on Wikidata Graph for DST."
International Workshop on Spoken Dialogue System Technology (IWSDS2017),

pp.1–12, Farmington, Pennsylvania, USA, 2017

Domestic Conference and Workshop (nonrefereed).....

- 3 first-authored papers were published during 2016–2018

Awards and Honors

- Creative and International Competitive Project (CICP) 2016
Excellent Research Project Award (2nd place out of 27 teams)
Nara Institute of Science and Technology
- Recommendation for exemption of the JASSO scholarship of the Masters course
(2017; Work in Progress for Decision)

Others

- **Languages:** Japanese (Native), English (Fluent)
- **Technical Skills:** Python (Advanced: Recent 4 years), Java (Intermediate: 3 years),
C (Beginner: 1 year), C++ (Beginner: 6 month)
- **Activities:** Student Volunteer at COLING 2016

References

- Professor Satoshi Nakamura, Nara Institute of Science and Technology. e-mail: s-nakamura@is.naist.jp
- Assistant Professor Koichiro Yoshino, Nara Institute of Science and Technology. e-mail: koichiro@is.naist.jp