Let's Secure that Grant

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Self-Introduction (1/2)

- Name: Hai-Tao Yu
- Position: Assistant Professor (tenured)
- Department: Faculty of Library, Information and Media Science
- Research Focus:
  - Information Retrieval
  - User Modeling
  - Machine Learning
  - Deep Learning
Self-Introduction (2/2)

- Application History

2015 - JSPS Grant-in-Aid for Young Scientists (B)
2016 - JSPS Grant-in-Aid for Young Scientists (B)
2017 - JSPS Scientific Research (C) (Generative Research Fields)
2017 - JST ACT-I
2018 - JSPS Scientific Research (B) (General)

≈ 40%
Before Application

• Check the guidance notes carefully

• Is appropriate for you or not

• Understand the assessment process
Before Writing (1/3) - Reviewers

- Experts in Japan

- Related Research in Japan

Avoid Easy Reasons to Reject Your Proposal
Before Writing (2/3) - Resources

• Reference materials
  • High-quality papers, e.g., Science & Nature
  • Webinar and Videos
    • American Association for the Advancement of Science (AAAS)
    • The Institute of Electrical and Electronics Engineers (IEEE)
    • The Association for Computing Machinery (ACM)
  • Make good use of the Web

• State-of-the-art of your research topic

• Seek advice from experienced colleagues
Before Writing (3/3) - Teams

- Assemble a strong team
- Choose collaborators carefully
Proposal (1/4) - Be Ambitious

• Aiming for the state-of-the-art performance

• A novel research direction

• The expansion of the territory of the techniques, such as Neural Networks
Proposal (2/4) - Completeness

- **Motivation**

  Unfortunately, the data to derive such insights is personal and sensitive, which might give rise to catastrophic consequences, even if the system collecting such data has resolved to ‘do no evil’. The high-profile cases are AOL search data leak (2006)\(^1\), cancelation of Netflix Prize (2009)\(^2\) and Facebook-Cambridge Analytica data scandal (2018)\(^3\). Hence, academia, industry and governments all have recognized the critical importance and the long-term value of protecting privacy in such practices. 

- **Collaborators’ roles**

- **Reasonable research plan & schedule**

- **Reasonable budgets**
Proposal (3/4) - Continuity

- Highly related to your current research

- Concrete demonstration
  - Papers, Websites, Patents, etc.

- Long-term value and deliverables
Proposal (4/4) - Understanding Ease

- **Language**
  - Daily accumulation
  - High-quality papers
  - Ask for help

- **Figure for Abstraction**

![Diagram]

Figure 1. The proposed interactive information retrieval paradigm based on deep neural network
Sincere Thanks for Your Listening!

Good Luck to All Our Future Applications!