

CURRICULUM VITAE

TETSUO IKEDA

University of Shizuoka (Shizuoka, Japan)

Professor, School of Management and Information,

Email: t-ikeda@u-shizuoka-ken.ac.jp

Phone and fax: +81-54-264-5444

Address: 52-1 Yada, Suruga-Ward, Shizuoka-City, 422-8526 Japan

EDUCATION

2001 Doctor of Engineering from University of Tokyo

1981 M.Sc. from Department of Information Science, Graduate School of Science, University of Tokyo.

1979 B.Sc. from Department of Information Science, Faculty of Science, University of Tokyo.

APPOINTMENTS AND AFFILIATIONS

2008-present Director, Information Technology Center, University of Shizuoka

2007-present Professor, School of Management and Information, University of Shizuoka

2002-2007 Professor, Faculty of Software and Information Science, Iwate Prefectural University

1981-2002 Research Engineer, NTT

PROFESSIONAL MEMBERSHIPS

Association for Computing Machinery

Information Processing Society of Japan

The Institute of Electronics, Information and Communication Engineers

The Database Society of Japan

Geographic Information Systems Association

The Association for Natural Language Processing

SELECTED PUBLICATIONS

Refereed Journal Articles

- [1] Nobuaki Mutoh, Kazumi Saito, Seiya Okubo, and Tetsuo Ikeda, "Facility Location Problem based on Random Walk Model (in Japanese), " Trans. of DBSJ, Vol.12 , No.1 , pp.1--6, 2013.
- [2] Takayasu Fushimi, Kazumi Saito, Tetsuo Ikeda, Nobuaki Mutoh, "Proposing Set Betweenness Centrality Measures Focusing on Nodes' Collaborative Behaviors and its Application (in Japanese), " Trans. of IEICE, Vol.J96-D, No.5, pp.1158-1165, 2013.
- [3] Takayasu Fushimi, Kazumi Saito, Tetsuo Ikeda, and Kazuhiro Kazama, "An Analysis of the Relation between Functional Community and Network Motif Based on Link Directions (in Japanese), " Trans. of IPSJ TOM, Vol.6, No.2, pp.137-146, 2013.
- [4] Masaki Mitsuyama, Kazumi Saito, Tetsuo Ikeda, Seiya Okubo, Nobuaki Mutoh, "Improving Pivot Selection Techniques by Iterative Swapping for Similarity Search(in Japanese), " Trans. of DBSJ, Vol.11 , No.3 , pp.9--14, 2013.
- [5] Takayasu Fushimi, Kazumi Saito, Tetsuo Ikeda, and Kazuhiro Kazama, "Community Extraction Method Based on Nodes' Function from Different Viewpoints (in Japanese), " Trans. of DBSJ, Vol.11 , No.3 , pp.27--32, 2013.
- [6] Nobuaki Mutoh, Kazumi Saito, Tetsuo Ikeda, Dai Nagata, and Takayasu Fushimi, " Speed-up of Greedy Method by Lazy Evaluation on Nonlinear Facility Location Problem - Case of Probabilistic Contribution by Multiple Facilities - (in Japanese)," Trans. of IPSJ TOM, Vol.4, No.1, pp.1-10, 2011.
- [7] Kazumi Saito, Nobuaki Mutoh, Tetsuo Ikeda, Takuya Iriduki, Dai Nagata, Kanoko Ito, "Speed-up of Local Improvement Clustering Method by Incorporating Lazy Evaluation (in Japanese)," Trans. of IPSJ TOM, Vol.3, No.1, pp.62--72, 2010.
- [8] Koji KINAMI, Tetsuo IKEDA, Yoshitoshi MURATA, Tsuyoshi TAKAYAMA, and Toshiaki TAKEDA," Research on Technical Term Extraction in the Nursing Domain (in Japanese)," Journal of natural language processing Vol.15, No3, pp.3-20,2008.
- [9] Tsuyoshi Takayama, Yoshitaka Motoda, Rikiya Chiba, Yasuyuki Murata, Masahito Etsumori, Yoshitoshi Murata, Tetsuo Ikeda, Nobuyoshi Sato, and Yoshihiko Sano, " Proposition and Evaluation of a Provision Method of Frozen Road Surface Information Using Collective Intelligence by Probe Persons (in Japanese), " Journal of IPSJ, Vol. 49, No.7, pp. 2549 - 2573, 2008.
- [10] Hidemi Fukada, Michiaki Mitachi, Akitsugu Oki, Tetsuo Ikeda, Tsuyoshi Takayama, Hidekazu Yamamoto, and Akihiro Abe, "A Proposal of Support System for Disaster Emergency Operation Using an Estimation Method of Seismic Intensity on Ground Response (in Japanese), " Journal of IPSJ, Vol. 48, No.3, pp.

1020 - 1037, 2007.

- [11] T. Takayama, S. Kikuchi, Y. Hashimoto, T. Ikeda, and Y. Murata, "Extended "2D-RIB" for Impression-Based Satisfactory Retrieval and its Evaluation, *Enformatica International Journal of Computer Science and Engineering*, Vol.1, No.1, pp.24-30, 2007.
- [12] T. Takayama, Y. Hashiba, S. Kikuchi, T. Ikeda, and Y. Murata: "Axes Rectifying Method of Music Impression Space for Impression-based Satisfactory Retrieval," *WSEAS Transactions on Computer Research*, Issue 2, Vol. 2, pp.285-290, 2007.
- [13] Daisuke KANEKO, Tsuyoshi TAKAYAMA, Tetsuo IKEDA, and Wataru OSANAI, " Adaptive Classification of Web Documents by Page Type and Evaluation of Prototype System (in Japanese)," *Journal of Japan Society for Fuzzy Theory and Intelligent Informatics* Vol.18, No.2, 319-336, 2006.
- [14] Tadashi Suzuki, Tetsuo Ikeda, Terumasa Aoki, and Hiroshi Yasuda, " MCOM: A Next Generation Content Model (in Japanese), " *Journal of IPSJ*, Vol. 44, No.3, pp. 660 - 673, 2003.
- [15] Tetsuo Ikeda, Ken-Ichi Mori, Hiroshi Takeno, and Tetsuji Satoh, "A Method for Reconstituting Web Sites (in Japanese), " *Journal of IPSJ*, Vol. 44, No.3, pp. 751 - 759, 2003.
- [16] Junji Tomita, Hiroshi Takeno, Genichiro Kikui, Yoshihiko Hayashi, and Tetsuo Ikeda, " Proposal of Graph - based Text Representation Model and Its Evaluation in Text Retrieval System (in Japanese), " *Journal of IPSJ*, Vol. 43, No. SIG02(TOD13) , pp. 94 - 107, 2002.
- [17] Tomohiro Kitakaku, Tetsuo Ikeda, Hiromitsu Tanabe, and Takashi Hoshi, " An Information Navigation System Utilizing Distributed Geographical Information (in Japanese), " *Journal of IPSJ*, Vol. 42, No. SIG15(TOD12) , pp. 30 - 39, 2001.
- [18] Tetsuo Ikeda, Gengo Suzuki, Hiroki Machihara, and Hiroshi Yasuda, " An Approach to Schema Construction in Federated Database Systems (in Japanese), " *Journal of IPSJ*, Vol. 40, No. SIG08(TOD4) , pp. 29-40, 1999.
- [19] Tetsuo Ikeda, Yasuhiro Hirano, Toru Yuguchi, and Takashi Hoshi, " Data Delivery Platform System : DB - STREAM (in Japanese), " *Journal of IPSJ*, Vol. 40, No. 1, pp. 2 - 12, 1999.
- [20] Tetsuo Ikeda, Seiichi Ido, Shoichiro Ishigaki, and Tatsuhiko Murata, , " Data Delivery Platform System : DB - STREAM (in Japanese), " *Journal of IPSJ*, Vol. 38, No. 12, pp. 2552 - 2565, 1997.
- [21] Tetsuo Ikeda, " A Concurrency Control Technique for Distributed Databases (in Japanese), " *Journal of IPSJ*, Vol. 29, No. 7, pp. 669 - 675, 1988.