

Editor's Notes

Kohji Itoh

The editorial board is well pleased to publish the 4th volume of The Journal of Information and Systems in Education.

In this volume, 4 original papers and 2 practical papers were selected from submissions of 16 original papers and 3 practical papers by way of fair and careful refereeing processes.

In addition, we asked the authors of 2 papers awarded in the JSiSE annual conference of the fiscal year 2003 and 2004, respectively, to translate their papers from Japanese versions which appeared in Transactions of Japanese Society for Information and Systems in Education.

Among the original papers, the paper by W. Zhou et al proposes and evaluates a system supporting teachers to create blended learning programs for life-long learning and helps learners to participate in learning activities.

The paper written by K. Ota and others concerns with making the learners in navigational learning aware of unnoticed incompleteness in their knowledge construction. They provide the navigators with a facility enabling to compare their history of navigation with selected histories of others.

The paper due to F. Yuan et al proposes a web-based collaborative evolutionary authoring system stimulating conflicts by making groups of authors share the current version and stimulating discussions by making them share the process of modification along with the history of past modifications.

The paper by T. Kojiri and others presents a mechanism for automatically generating solutions to mathematical exercises by finding connections of sub-exercises from the shelf making networks and traversing them.

As practical papers, the paper by Y. Iribe et al reports on designing and evaluating an easy-to-use e-mail software as well as a material for senior citizens to learn its usage with.

The paper due to X. Li et al describes and evaluates a web-based system with which students submit reports and teachers comment on them on-line, then the students modify their reports according to the comments and the differences between the versions are managed and displayed.

In the translation paper section, the paper due to A. Imai et al reports on use of their "Hyper Mirror" system for cultural exchange program between elementary schools in Japan and in Korea, enabling the pupils to share gaze to common target persons and objects.

The paper by T. Takeuchi and another proposes a method of appropriately selecting problems for examinations from a certain size of pooled questions given to the students in advance.

The volume 4 has again ended up with single number the same as the past volumes. The quality of the papers of the volume as well as those in the past, on the other hand, has been kept very high.

From the next volume 5 on, the editorial board is renewed. The leave-taking editorial board thanks the member and non-member contributors and readers for supporting this fresh-borne journal of JSiSE. We hope your continuous support and more contributions to the papers and articles from researchers and practitioners all over the world working in colleges, universities, industries, governmental organizations or NPO for new methods or aspects of using ICT in education, learning science and/or practice of using ICT in education.

■ Editor's Note

Kohji Itoh(Editor-in-Chief of JSiSE International Journal)

■ Invited Paper

Ako Imai, Shingo Yamashiro, Hideya Matsukawa, Masayuki Yamada, Takanori Maesako, Mitsunori Shibao, Kouji Okuji and Kazuo Ihara

Pilot Study on HyperMirror System for International Cultural Exchange in Elementary School via the Internet

Toshihiko Takeuchi and Akiyuki Sakuma

Classifying questions for sampling in a task-given-type examination

■ Original Papers

Wei Zhou, Takami Yasuda and Shigeki Yokoi

Development of Blended Learning Support System (BLSS) for Lifelong Learning

Koichi Ota, Akihiro Kashihara and Shinobu Hasegawa

A Navigation History Comparison Method for Navigational Learning with Web Contents

Fei Yuan, Hiroyuki Mitsuhara, Kazuhide Kanenishi and Yoneo Yano

A Web-based Collaborative Authoring System for Web Educational Material based on Evolutionary Information Sharing Approach

Tomoko Kojiri, Sachiyo Hosono, and Toyohide Watanabe

Generation of Answers in Mathematical Exercises Based on Solution Network

■ Practical Papers

Yurie Iribe, Kiichirou Sasaki, Mamoru Endo, Takami Yasuda and Shigeki Yokoi

Design of an Introductory Web Mail System for Senior Citizens

Xiaoyong Li, Narimoto Sumi, Shingo Nakagawa, Hiroaki Deguchi, Tsuyoshi Ohta, Sanshiro Sakai

An Implementation of a Web-based Interactive Report Correction Support System

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