f-014

An ESP program for pilots and air traffic controllers

Haruhiko Nitta (Senshu University), Hironobu Okazaki (International Pacific University)

Communications between pilots and air traffic controllers are carried out in an English called “ATC,” a short form of “Air Traffic Control.” Safety largely depends on smooth and accurate communications. If misheard or misinterpreted, something undesirable or fatal might occur. ATC in the real world is quite difficult for non-native speakers of English. Japanese pilots and air traffic controllers, however, have to be on their own after graduation because there is no program designed for them to become accustomed to real-world ATC. ATC is important and crucial. We will present an ESP program for pilots and air traffic controllers.

f-015

MaxAuthor: A freely available authoring system for Windows and Moodle

*Scott Brill (University of Arizona)**

The University of Arizona CALI Group has made MaxAuthor, its CALL authoring system under development for over a decade, free for non-commercial use at http://cali.arizona.edu. Without any programming, MaxAuthor creates language instruction courseware for 47 languages, including several Native American languages. Courseware created with MaxAuthor can be delivered over the Internet or MS-Windows and can utilize audio, video, graphics, and exercises such as multiple choice, fill-in-the-blank, listening dictation, pronunciation, and audio flash cards. MaxAuthor was used to create the widely available Critical Languages Series of CD-ROMs and DVD-ROMs for Brazilian Portuguese, Cantonese, Chinese, Kazakh, Korean, Turkish, and Ukrainian.

*Scott Brill is the lead programmer and project manager for the Critical Languages Series and the freely available MaxAuthor authoring system used to create the Critical Languages Series.

f-016

A movie-based CALL system to enhance learner motivation and promote EFL learning

Takaaki Okura (Osaka Ohtani University), Toshiko Koyama (Osaka Ohtani University), Judy Noguchi (Mukogawa Women's University)*

A motivating learning environment is essential for EFL learners who are not exposed to the target language in everyday situations. This research is a case study using Caption Master courseware for a face-to-face teacher-led EFL class of 25 university students in Japan. Over ten weeks, the students were assigned listening exercises related to scenes from Toy Story (1995, Disney). These could be done both during and outside of class. They were also given comprehension, summary writing, and dictation tasks. The results of the questionnaire after the sessions indicated that the students were motivated by and interested in the activities using Caption Master.

*Takaaki Okura is professor, Department of Education and Social Welfare, Osaka Ohtani University, Japan. His research focuses on educational technology.

f-017

The InGenio online CALL authoring shell and courseware

*Ana Gimeno-Sanz (Universidad Politécnica de Valencia)**

The author will illustrate Proyecto InGenio, which is an R & D project entirely funded by the Universidad Politécnica de Valencia (Spain) and which has been designed and developed by the CAMILLE Research Group led by the author. The project has produced a language independent, online multimedia CALL authoring shell, an online learning environment offering courseware designed and created with the InGenio authoring tool, a tutoring system to enable teachers to supervise their learners' progress and work, and a translation tool allowing materials designers to adapt their courses into any number of support languages. Besides demonstrating the authoring shell, the presenter will also show the six online courses that have been developed with the InGenio authoring tool.

*Ana Gimeno is professor of EFL at the Department of Applied Linguistics, Head of the CAMILLE R&D Group and Director of the Linguistic Support Office - Universidad Politécnica de Valencia (Spain). She is also President of EUROCALL.

f-018

Back to basics with Revolution

*Claire Bradin Siskin (University of Pittsburgh)**

It has long been recognized that among the beneficial features of CALL are immediate feedback, hypertext, and the integration of text, graphics, audio, and video. With tools such as HyperCard and ToolBook, it used to be possible for language teachers with little programming expertise to incorporate these features into useful CALL materials. The rapid application development tool Runtime Revolution can fill the niche formerly occupied by these tools. This session will serve as an introduction to Revolution. The features of Revolution which are most relevant to language learning will be demonstrated, and examples of real-life applications will be shown.

*Claire Bradin Siskin directs the Robert Henderson Language Media Center at the University of Pittsburgh. Her principal interests are faculty development and research in CALL.

f-019

Pronunciation clinic: Which part of your pronunciation to correct first to become like your model speaker?

Nobuaki Minematsu (The University of Tokyo), Kei Kamata (The University of Tokyo), Max Takazawa (The University of Tokyo), Satoshi Asakawa (The University of Tokyo), Takechiko Makino (Chuo University), Kyoko Takeuchi (The University of Tokyo), Yutaka Yamauchi (Tokyo International University), Tazuko Nishimura (The University of Tokyo), Keikichi Hirose (The University of Tokyo)*

A novel technical framework for CALL development is proposed, where speech features irrelevant to pronunciation, such as gender, age, microphone, etc., are gracefully removed from speech acoustics. Then, the notorious mismatch problem is solved successfully. Based on the new framework, utterances of a young learner can be compared adequately to those of an older teacher although their utterances are acoustically very different. We have built a demo system for vowel production of American or British English. A learner selects his favorite teachers and inputs word utterances including the 11 monophthongs. Then, the system shows which vowels to correct at first, namely, the shortest cut to become similar to each of the selected model speakers.

*He received the Ph.D degree in electronic engineering in 1995 from the University of Tokyo. Currently, he is an associate professor of that university and has wide interest in speech communication.