

Whither Speech Recognition? A Twenty-First Century Perspective

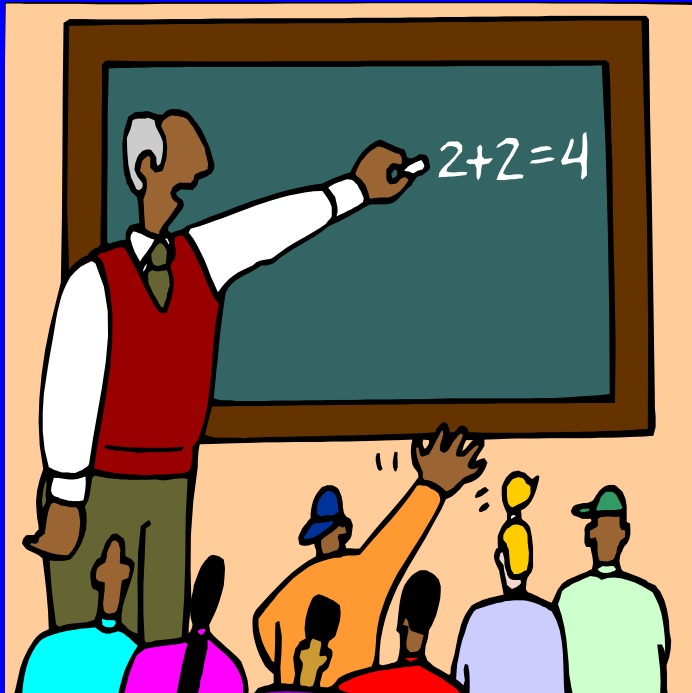
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*Any similarity to titles of earlier publications is NOT coincidental
(cf. Pierce, 1969; Doddington, 1980; Roe & Wilpon, 1993)*

The Future of Speech Technology Research

The future lies with the young – we need to attract the “best and the brightest” and nurture their intellectual and technical development



The Future of Speech Technology Research

The research community requires a CLEAR TARGET to focus on –



The Future of Speech Technology Research

Something akin to Apple's "Knowledge Navigator" of the late 1980's, as a means of keeping research on track, as well as an effective lure for attracting great students



Knowledge Navigator Web Site and Tape

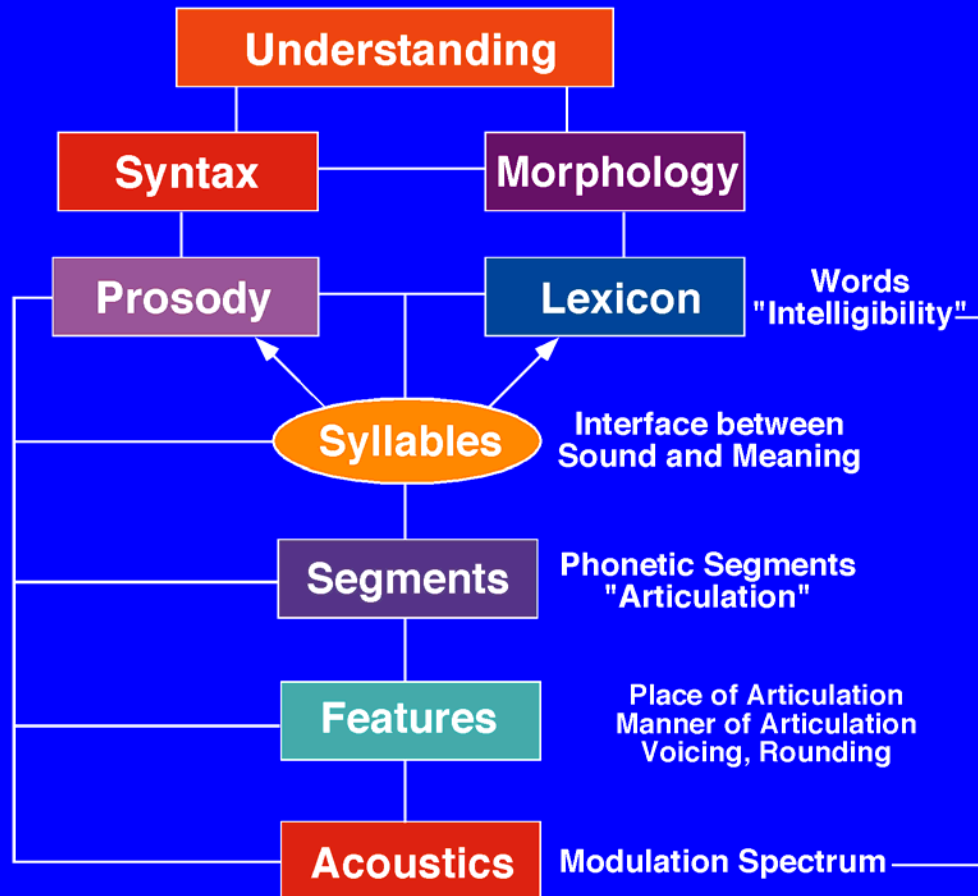
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*The research community needs to be **FAR MORE INTERDISCIPLINARY** in its approach than it has historically been*



The Future of Speech Technology Research

INTEGRATING KNOWLEDGE OF spoken language with a variety of computational approaches



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This means training students and post-docs in a broad range of fields and techniques and encouraging them to integrate the various perspectives in their research



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New ways of fostering cooperation among research sites across academia, industry and government (and across national boundaries) need to be developed – no one site can do it all (or has infinite wisdom and insight)



Many Thanks

for

Your Time and Attention

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The research community requires a clear target to focus on – something akin to Apple’s “Knowledge Navigator” of the late 1980’s, as a means of keep research on track, as well as a strategy for attracting great students

The research community needs to be far more interdisciplinary in its approach than it has historically been, integrating knowledge about spoken language with computational techniques

This means training students and post-docs in a broad range of fields and techniques and encouraging them to integrate the various perspectives in their research

New ways of fostering cooperation among research sites across academia, industry and government (and across national boundaries) need to be developed – no one site can do it all (or has infinite wisdom and insight)