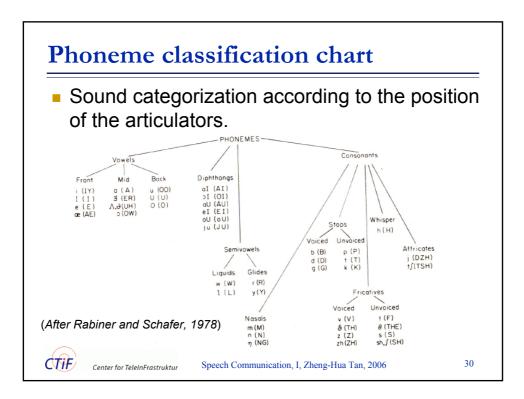
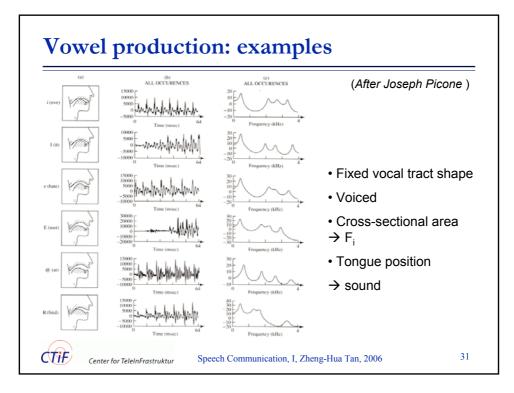
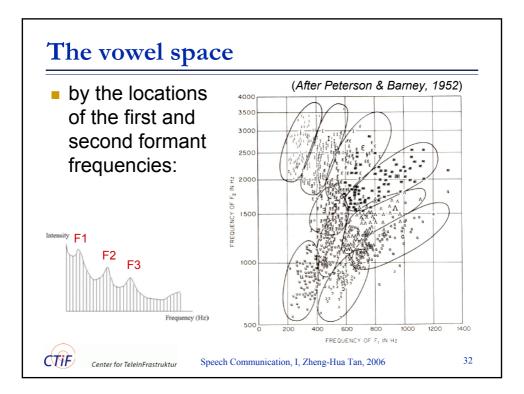
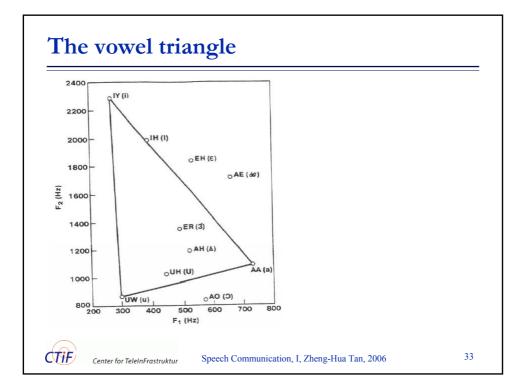


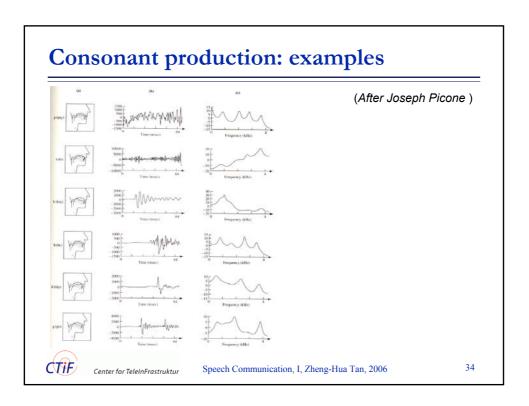
VOWELS: F /i/ heed r /I/ hid o /e/ hayed n /E/ head /@/ had /R/ heard /x/ ago /A/ mud /u/ who'd B /U/ hood a /o/ hoed C /c/ hawed k /a/ hod	DIPHTHONGS: /Y/ hide /W/ how'd /O/ boy /X/ rose SEMI-VOWELS: Liquids /r/ ran // liquid Glides /w/ want /y/ yard	FRICATIVES: /v/ van /D/ then /z/ zebra /Z/ measure /f/ fan /T/ think /s/ sit /S/ shoe /h/ help AFFRICATES: /J/ just /C/ channel	NASALS: /m/ mom /n/ noon /G/ sing STOPS: /b/ bag /d/ dog /g/ goat /p/ peal /t/ tea /k/ kick
/a/ hod			(After J. Hansen)

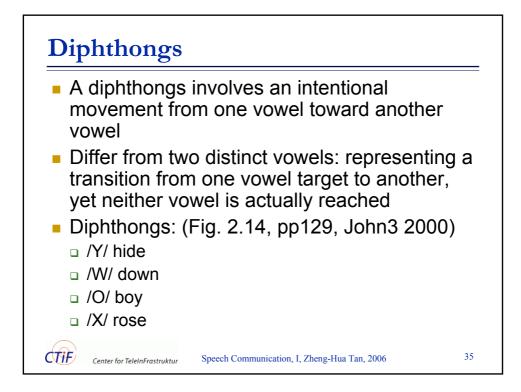


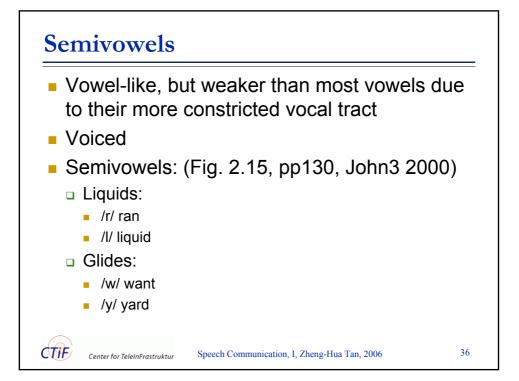


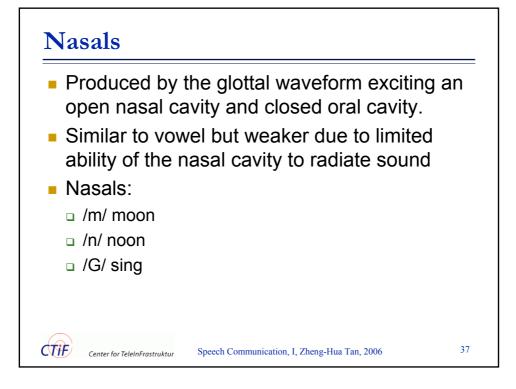


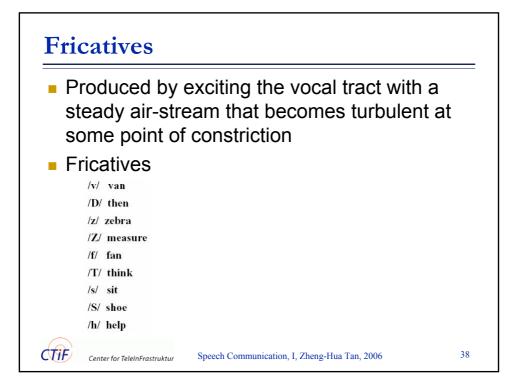


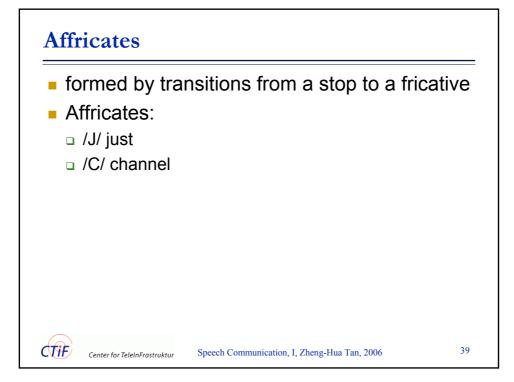


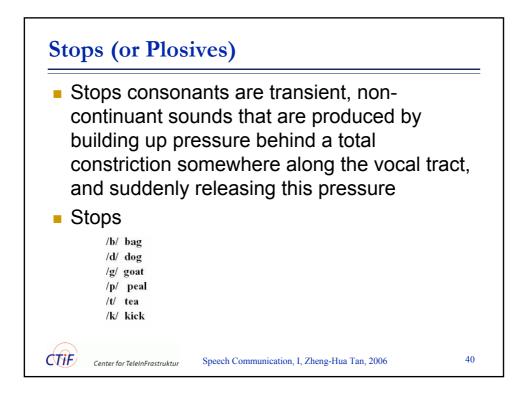














## Summary

- Speech technology
- The speech chain

Center for TeleInFrastruktur

- Anatomy of speech production
- Speech signals: waveform and spectrogram
- Phonetics
- Modelling

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Next lecture: Speech Analysis