



# Bi-monthly Report

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- Targets in the last two months

- ✧ Three tasks

- ✓ Joint training

- ASR and SRE (TASLP) *Done*

- LRE and SRE *Hold*

- ✓ Replay spoofing *Done*

- ✓ Random training *Reject*

- Summary of The Past
  - ✧ ASR and SRE (TASLP) [573] *Done*
  - ✧ LRE and SRE [574] *Hold*
    - ✓ LRE baseline on Neural models
      - T-DNN / LSTM (*Over-fitting*)
      - LRE is a long-term task

- Summary of The Past

- ✧ Replay Spoofing *Done*

- ✓ CSLT-Replay Database

- ✓ I-vector model

- Freq-Weighting / Freq-Warping

- ✓ Feature learning (CNN)

- ✓ TRP-20160011

- Summary of The Past

- ✧ End-to-end for SRE *New*

- ✓ i-vector baselines

- ✓ CNN + Max-margin

- Summary of The Past

- ✧ APSIPA ASC 2016 *Done*

- ✓ Oral presentations

- ✓ LRE challenge on AP16-OL7

- ✧ ML book on 'Unsupervised Learning' *Done*

- ✧ TRP-2160012 on 'Kaldi i-vector' *Done*

- ✧ Springer book on SRE *New*

- Work in Future

- ✧ *New* tasks

- ✓ End-to-end for SRE
    - ✓ Springer book
    - ✓ CL on Replay detection
    - ✓ LRE and SRE



*Thank you*

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