## **Description of Additional Supplementary Files**

File Name: Supplementary Movie 1

**Description:** Lip-language decoding system (LLDS) used in personal identity verification

File Name: Supplementary Movie 2

**Description:** Lip-language decoding system (LLDS) used in direction control of toy car

File Name: Supplementary Movie 3

**Description:** Liplanguage decoding system (LLDS) used in lip-motion to voice