

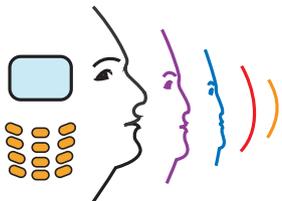
MOBIO: Mobile Biometry First Year Project Overview

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Reminder: Work-packages and Milestones

We have identified 7 work-packages (WP1 to WP7) covering all the important activities:

- **WP1:** Management
- **WP2:** Use cases, specifications and databases
- **WP3:** Uni-Modal Segmentation and Authentication
- **WP4:** Bi-Modal Authentication and Model Adaptation
- **WP5:** Scalability
- **WP6:** Integration and Demonstration
- **WP7:** Dissemination and Exploitation

WP1 – Management

- WP managers: S. Marcel (IDIAP) and F. Foglia (IDIAP)
- Deliverables:
 - D1.0, m0** Consortium agreement,
 - D1.1, m12** First annual report (management and financial),
 - D1.2, m24** Second annual report (management and financial),
 - D1.3, m36** Final report (management and financial).
- Milestones:
 - M1.0, m0** Consortium agreement signed by all the partners,
 - M1.1, m6** Intermediate review,
 - M1.2, m12** First annual review,
 - M1.3, m24** Second annual review,
 - M1.4, m36** Final review.

WP2 – Use cases, specifications and databases

- WP managers: C. Mc Cool (IDIAP)
- Deliverables:
 - D2.1, m4** Report on the use cases scenarios and general functional requirements for biometry-enabled telecommunication system,
 - D2.2, m4** Report on the specifications of the database,
 - D2.3, m18** Partial (40%) MOBIO database (*Resp. IDIAP*),
 - D2.4, m32** MOBIO database (*Resp. IDIAP*),
 - D2.5, m32** Report on the description of the MOBIO database, its associated protocol and its usage (*Resp. UOULU*).

WP3 – Uni-Modal Segmentation and Authentication

- WP manager: T. Cootes (UMAN)
 - Deliverables:
 - D3.1, m8** Baseline systems for uni-modal authentication,
 - D3.2, m12** Report on the description and the evaluation of baseline algorithms for uni-modal authentication,
 - D3.3, m18** Advanced systems for uni-modal authentication (*Resp. UOULU*),
 - D3.4, m22** Report on the description and the evaluation of advanced algorithms for uni-modal authentication (*Resp. UOULU*).
- Responsibles for D3.1/D3.3 sub-systems and D3.2/D3.4 sub-reports are described as follows:
- Face localisation (*Resp. IDIAP/UOULU*),
 - Face alignment and facial localisation (*Resp. UMAN*),
 - Face authentication (*Resp. UNIS and IDIAP*),
 - Speech/silence segmentation (*Resp. UAPV and BUT*),
 - Speaker authentication (*Resp. UAPV and BUT*).

WP4 – Bi-Modal Authentication and Model Adaptation

- WP manager: N. Poh (UNIS)
- Deliverables:
 - D4.1, m14** Baseline bi-modal authentication systems (*Resp. UNIS and IDIAP*),
 - D4.2, m18** Report on the description and the evaluation of baseline algorithms for bi-modal authentication (*Resp. UNIS*),
 - D4.3, m24** Advanced bi-modal authentication systems (*Resp. IDIAP*),
 - D4.4, m30** Report on the description and the evaluation of advanced algorithms for joint bi-modal authentication (*Resp. IDIAP*),
 - D4.5, m16** Baseline model adaptation systems (*Resp. UNIS and IDIAP*),
 - D4.6, m20** Report on the description and the evaluation of baseline algorithms for model adaptation (*Resp. UNIS*),
 - D4.7, m26** Advanced model adaptation systems (*Resp. UNIS and IDIAP*),
 - D4.8, m30** Report on the description and the evaluation of advanced algorithms for model adaptation (*Resp. UNIS*).

- WP manager: J-F. Bonastre (UAPV)
- Deliverables:
 - D5.1, m18** Scalable uni-modal systems (*Resp. UAPV*),
 - Scalable face localisation (*Resp. IDIAP/UOULU*),
 - Scalable face alignment and facial localisation (*Resp. UMAN*),
 - Scalable face authentication (*Resp. UNIS*),
 - Scalable speech/silence segmentation (*Resp. UAPV and BUT*),
 - Scalable speaker authentication (*Resp. UAPV and BUT*),
 - D5.2, m33** Report on the description and the evaluation (scalability study) of scalable uni-modal and bi-modal authentication systems (*Resp. UAPV*).

All responsables for D5.1 sub-systems should contribute to this report

WP6 – Integration and Demonstration

- WP manager: G. Zoia (EPM)
- Deliverables:
 - D6.1, m5** Audio/video acquisition tool for data storage on mobile device,
 - D6.2, m10** System architecture (stage 2) and draft API definition for integration of biometric modules,
 - D6.3, m18** System specification (stage 3) and prototype implementation with draft biometric modules; user device simulated using a laptop (*Resp. EPM*),
 - D6.4, m26** Early prototypes realization using scalable uni-modal and bi-modal systems and real mobile devices (*Resp. EPM*),
 - D6.5, m34** Final prototypes (*Resp. EPM*).

WP7 – Dissemination and Exploitation

- WP manager: H. Cernocky (BUT)
- Deliverables:
 - D7.1, m5** Report on the planning of evaluation campaigns,
 - D7.2, m14** Implementation of the Col, Internet portal of MOBIO technologies (*Resp. IDEA*).
 - D7.3, m14** First report on dissemination activities (*Resp. BUT*),
 - D7.4, m26** Second report on dissemination activities (*Resp. BUT*),
 - D7.5, m36** Final report on exploitation activities (*Resp. IDEA*).

Deliverable Responsibles (and substitutes)

IDIAP C. Mc Cool (S. Marcel)

UMAN H. Bhaskar and P. Tresadern (T. Cootes)

UNIS N. Poh (J. Kittler)

UAPV D. Matrouf (J-F. Bonastre)

BUT H. Cernocky (L. Burget)

UOULU A. Hadid (M. Pietikäinen)

EPM G. Zoia (Y. Kovacs)

IDEA S. Rey

!! Those persons will be on deliverable mailing lists and should send their contribution !!