Speech as Personal Identifiable Information
Day 1 — 13h to 18h & Welcome Reception

• 13:00 – Welcome & Introduction
  – Lorentz Center & Andreas Nautsch
  – Introduction of participants
• 15:00 – Survey “awareness”
• 15:10 – Human factors and HCI for speech interfaces (30+20 min.)
  – Jacqueline Urakami
• 16:00 – Tea, coffee & discussions
• 16:20 – Law & Governance affecting speech and language processing – where do we stand at Nov 2021? (30+20 min.)
  – Joe Cannataci
• 17:10 – Speech for non-experts (30+20 min.)
  – Odette Scharenborg
Day 2 — 9h30 to 18h

- 09:30 – Recap – Isabel Trancoso
- 09:35 – Speech Anonymization – Emmanuel Vincent (40+10 min.)
- 10:25 – Survey “Use Cases I” & Hybrid Groups
- 11:45 – Lunch
- 13:15 – The true invasiveness of voice profiling technologies and implications on the anonymization of voice signals – Rita Singh (40+10 min.)
- 14:05 – Panel: Can voices be anonymized?
  - Tom Backstrom, Els Kindt, Shri Narayanan, Patricia Thaine
- 15:45 – Break, Survey “Use Cases II” & Hybrid Groups
- 17:00 – Discussion
Day 3 — 9h30 to 17h00 & Boat-Tour + Dinner

- 09:30 – Recap – Katerina Mitrokotsa
- 09:35 – Talks (30+5 min.)
  - On Decentralized Learning, Privacy and Applications to Speech Processing – Marc Tommasi
  - A sound story: Securing Voices from the Analog Perspective – Wenuyan Xu
- 10:45 – Survey “Use Cases III” & Hybrid Groups
- 11:45 – Lunch
- 13:15 – Talks (30+5 min.)
  - A Brief Overview of Cryptographic Methods for Secure Computation – Bhiksha Raj
  - The Voice Privacy Challenge – Natalia Tomashenko
- 14:25 – Tea, coffee & discussions
- 14:55 – Talks (30+5 min.)
  - Authentication of Voice Commands on Voice Assistant Systems Leveraging Speech Vibrations on Wearables? – Cong Shi
- 16:05 – Making speech stuff that police can use – Laurens van der Werff (40+15 min.)
Day 4 — 10h to 18h

- 09:30 – Recap – Stephan Sigg / Joe Cannataci
- 09:35 – Piste 1 (40+15 min.)
  - Talk – Use of speech technologies – the Law Enforcement perspective, Christophe Stécoli
- 10:30 – Piste 2 (40+20 min.)
  - Use of speech technologies – the Law Enforcement perspective, Christophe Stécoli
- 11:45 – Lunch
- 13:00 – Privacy (threats) through deep learning in speech (30+15 min.)
  - Björn Schuller
- 13:45 – Audio-based secure device pairing (20+10 min.)
  - Le Nguyen
- 14:15 – Panel: Transparent voice and speech interfaces
  - Zoraida Callejas, Wiebke Toussaint, Le Ngu Nguyen, Si Zuo, Tobias Röddiger
- 15:30 – Survey “Use Cases IV” & Writing Groups
Day 5 — 10h to 16h30

- 09:30 – Recap – Andreas Nautsch
- 09:35 – Between terminology and methodology: bridging the communication gap between disciplines? (20+35 min.)
  - Talk – Catherine Jasserand
- 10:30 – Panel: Reaching a common understanding
  - Alice Coucke, Nick Gaubitch, Sélinde van Engelenburg, Anna Leschanowsky, Khiet Truong, David van der Vloed
- 11:30 – Survey “How to Move On” & Writing groups
- 13:00 – Lunch
- 14:30 – Sponsors
- 14:45 – Panel: Next steps—roadmap for a new scholarly ecosystem
  - Alice Coucke, Nick Gaubitch, Sélinde van Engelenburg, Anna Leschanowsky, Khiet Truong, David van der Vloed
- 15:30 – Closing discussion