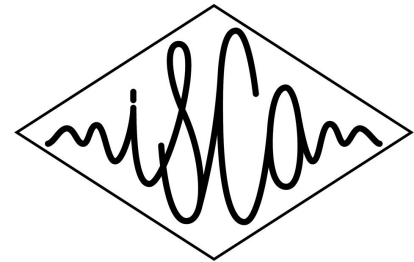


Privacy: Speech meets Legal Experts, *a Concept Workshop*

Andreas Nautsch



SPSC
Security and Privacy
in Speech Communication



Agenda

Session 1 - Chair: Isabel Trancoso

09:00-09:15

Opening words (Andreas Nautsch)

09:15-10:00

Birgit Brüggemeier (Fraunhofer IIS)

"SPEAKER — privacy preserving speech assistance made in Germany"

10:00-10:45

Korbinian Riedhammer (TH Nürnberg)

"Patient and audio data in clinical speech therapy"

10:45-11:45

Thomas Zerdick (EDPS Head IT policy)

"Views of the EDPS on speech and data protection"

11:45-12:30

Catherine Jasserand (University of Groningen)

"Speech data and the GDPR: First reflections from a legal perspective"

12:30-13:30

Lunch

Session 2 - Chair: Els Kindt

today's main objective

13:30-15:00

Open discussion (moderated by Catherine Jasserand and Andreas Nautsch)

15:00-15:30

Coffee break

15:30-16:00

Discussion: outstanding legal and technical issues
as seen from the technical and legal communities for future collaboration and convergence

16:30-17:00

Wrap-up & Conclusion

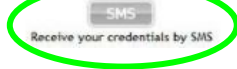
On Fundamental Needs: *WiFi*, *Toilets* & *Lunch*

- WiFi SSID: Uranus

YOU ALREADY HAVE YOUR LOGIN

LOGIN PASSWORD

YOU ARE NOT YET REGISTERED



SMS Register

Fill in all the mandatory fields below to register.

Caution : your cell phone number must be valid, as it will be used to send your connection ticket via SMS.

Last name *

First name *

Email address

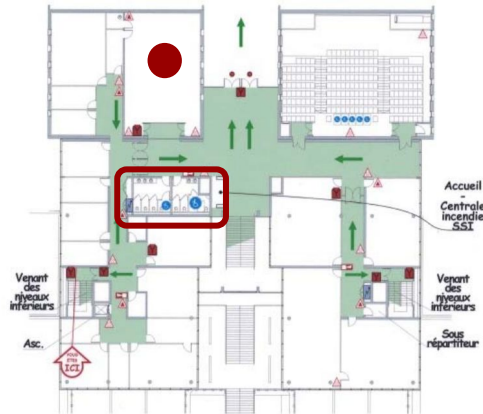
Phone number * Prefix Phone number

Description *

* Mandatory fields

Back Register

- Toilets



Booked tables, separated bills (15-20 €)

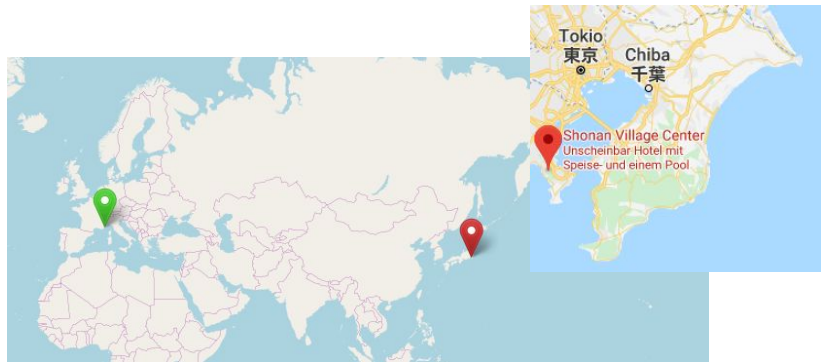


Why today's workshop?



SHONAN MEETING

- Technical & Legal experts at 1 table
⇒ to talk, but also with another
 - Need for better designed products & services
 - Need for technology-agnostic legislation
- Pre-event to Shonan Meeting
 - 28 Crypto, Legal & Speech experts
 - Outcome: research roadmap for 2020-2030



NO.170

Privacy, Ethics, and Legislation for Speech Communication

📍 [Shonan Village Center](#)

🕒 March 23 - 27, 2020 (Check-in: March 22, 2020)



Stephan Sigg
(Aalto Uni)

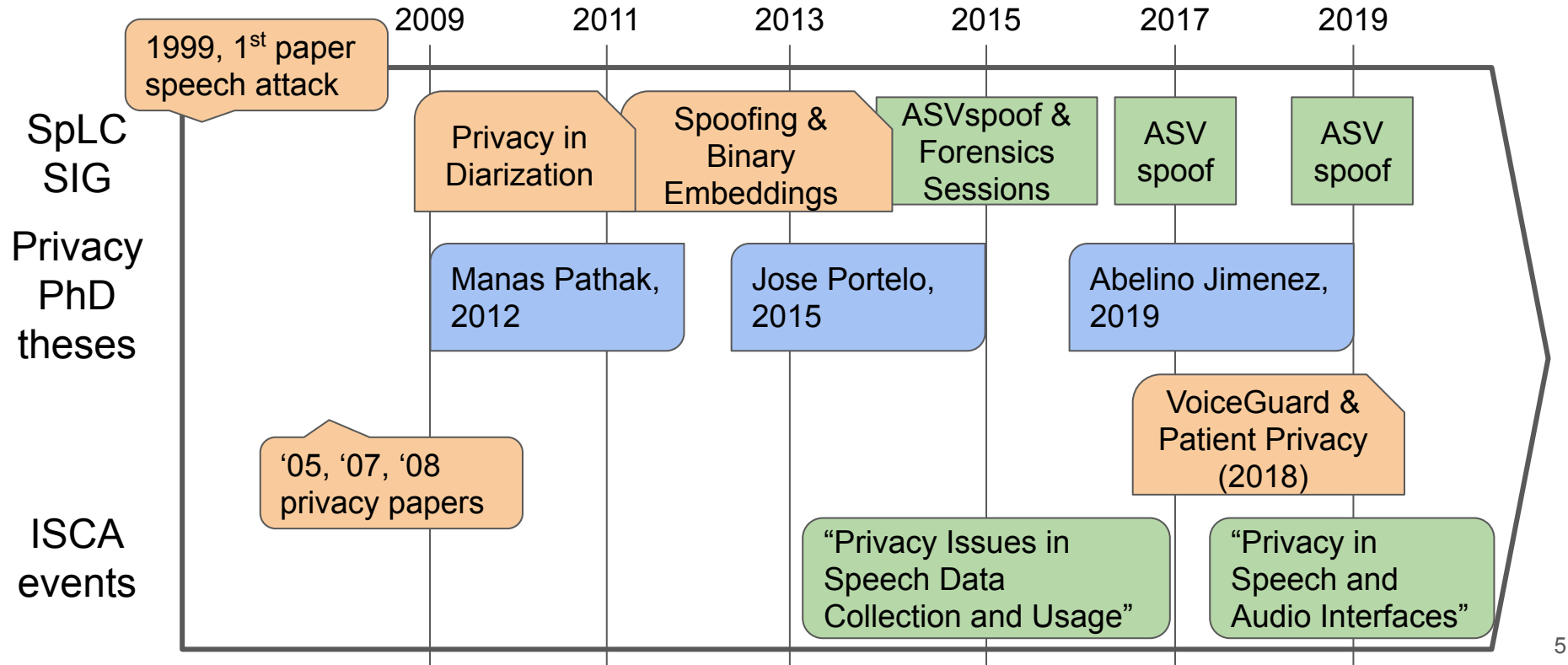


Andreas Nautsch
(EURECOM)



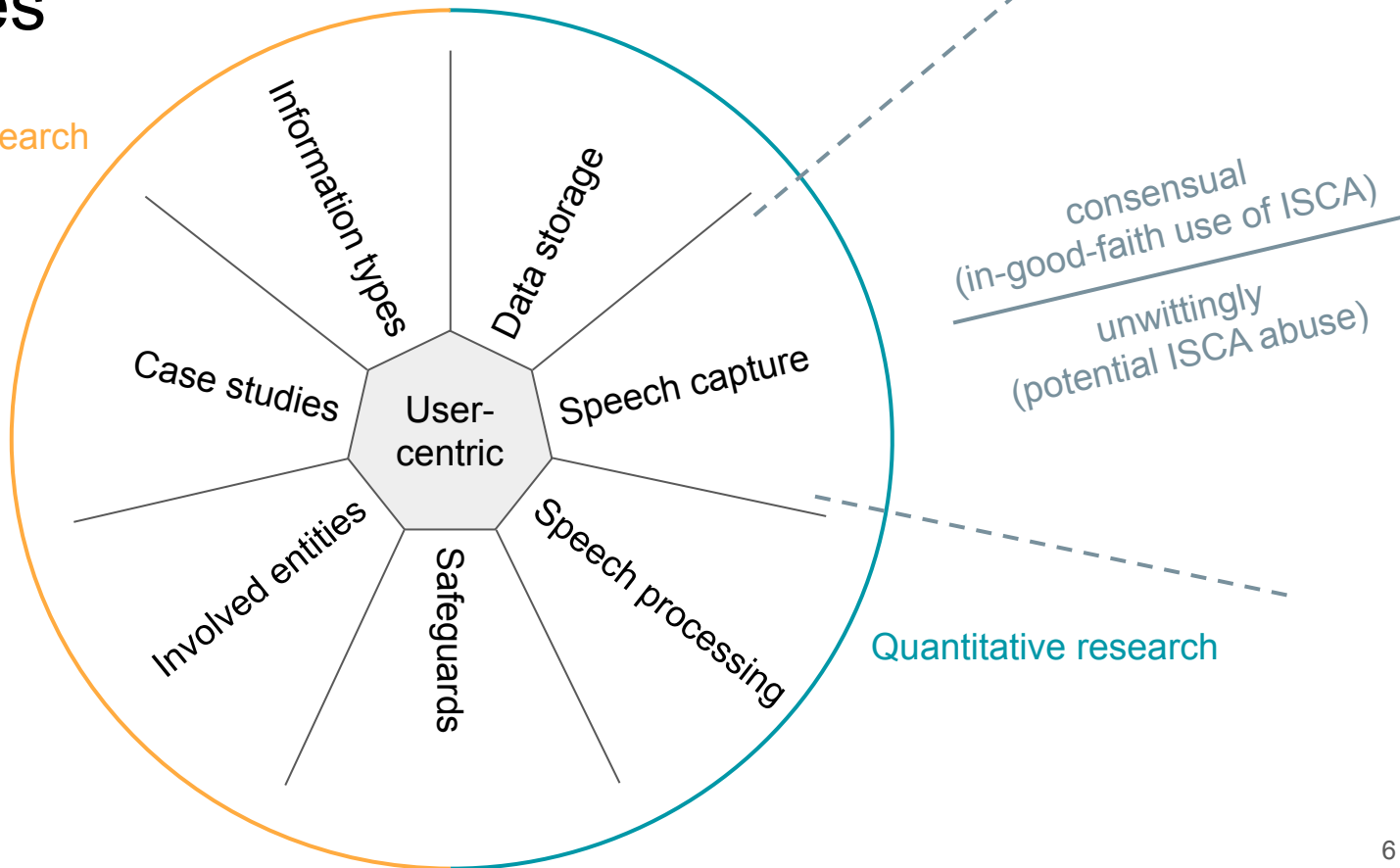
Junichi Yamagishi
(NII; Uni of Edinburgh)

10 Years of ISCA security & privacy research



Open issues

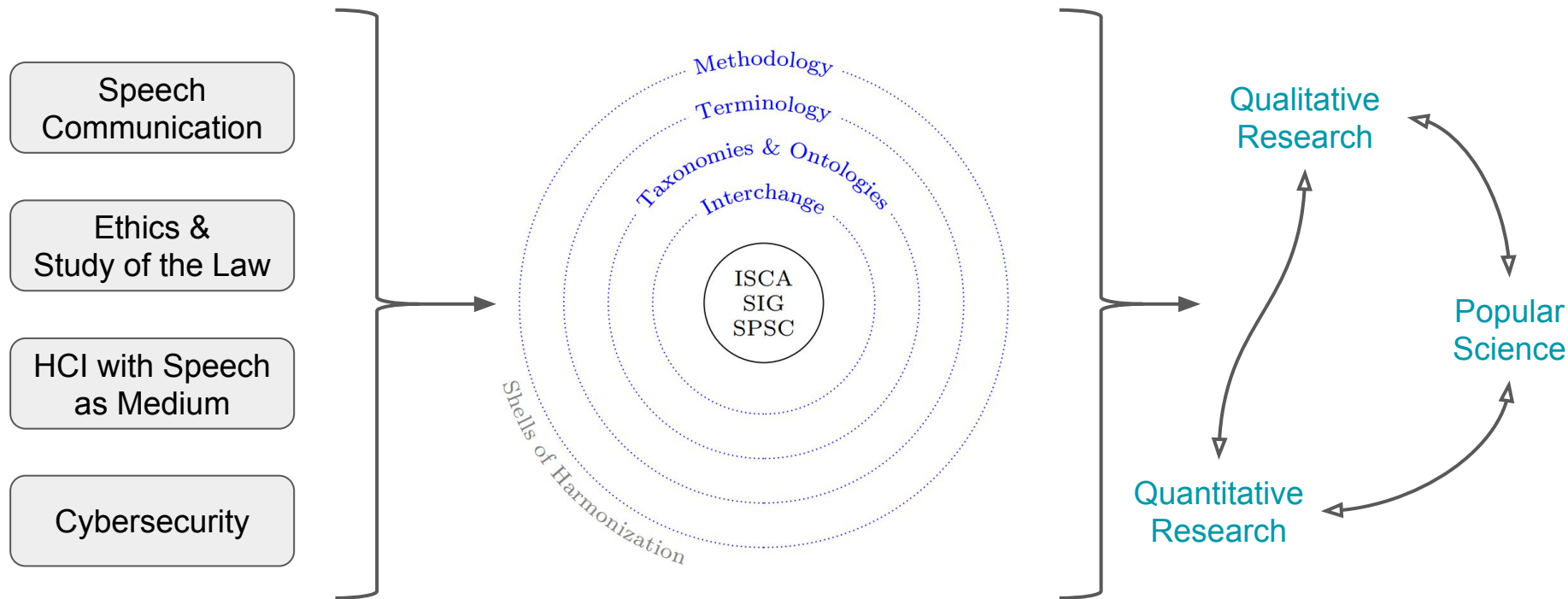
Qualitative research



Research Areas

Understanding Security & Privacy

Dissemination



Security: free from threat or danger

Privacy: free from public attention

Opening words: *why is speech data sensitive?*

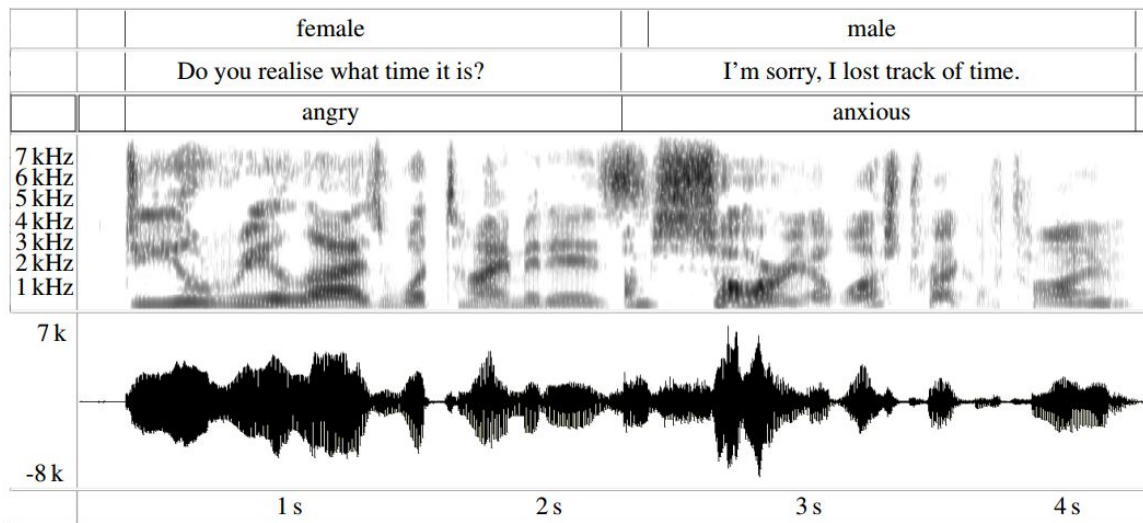
“Speech is a medium in communication to impart or exchange information.”

- Characteristics

- Behavioural
- Physiological
- What we say

- Data types

- Audio
- Text
- Video
- Brainwaves
- ...



<https://www.eslfast.com/robot/audio/dailylife/dailylife1901.mp3>
Nautsch et al.: The GDPR & Speech Data, Interspeech 2019

Enjoy the workshop