

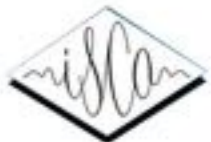
**ISCA General Assembly
Incheon, Korea, 19 September**

Sebastian Möller, ISCA President





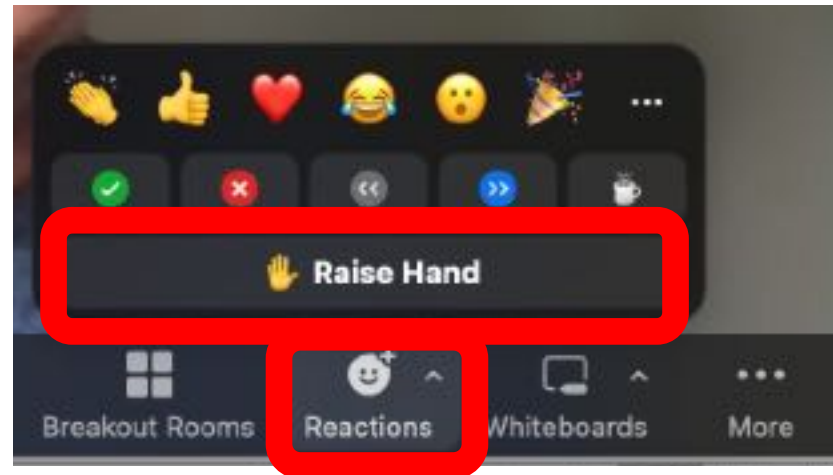
Welcome to **INTERSPEECH 2022**
Sep 18 – 22 • Incheon Korea



Hybrid Meeting Logistics



- How to rise a hand in the virtual world

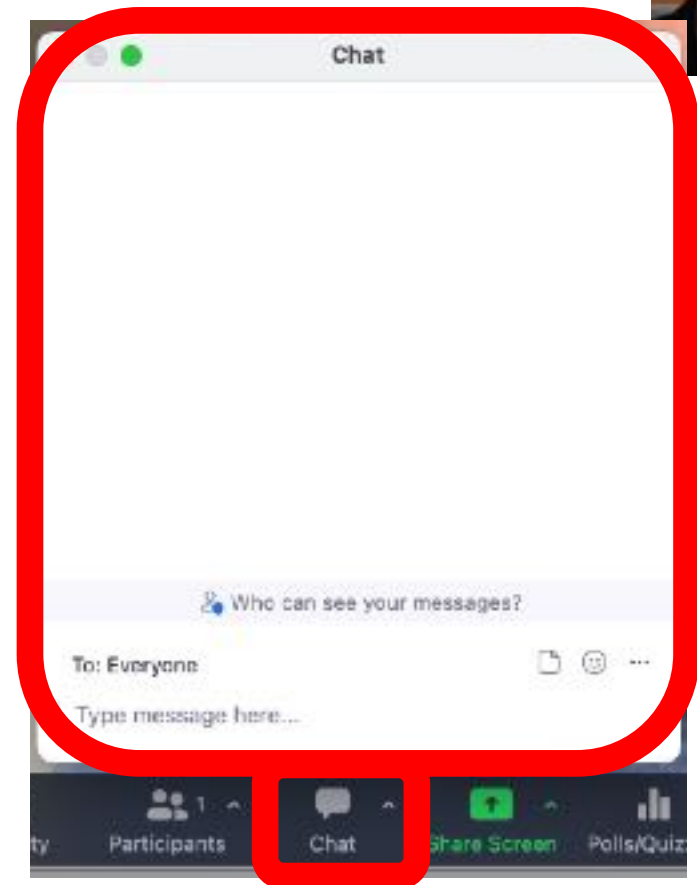


- Q&A forum

- How to vote

- Vote only once! (in presence **or** virtual)
- Use the “Raise Hand” button to vote

- General Assembly will be recorded and video will be shared on the website after the event



Agenda General Assembly

1. Opening remarks and approval of the Minutes from 2021 General Assembly (Brno) [SM] **[POLL1]**
2. Treasurer's report – John Hansen [JH]
 - (i) Report, (ii) Q&A, (iii) Vote to Approve **[POLL2]**
3. President's report – Sebastian Möller [SM]
 - (i) Report, (ii) Q&A, (iii) Vote to Approve **[POLL3]**
4. Future of ISCA & Goals for 2022-2023 – discussion
5. Comments, Suggestions and Questions from ISCA Members
6. Invitation to the next ISCA General Assembly – Dublin, Ireland, August 2023

Approval of Minutes from the 2021 GA

1. Opening remarks and approval of the Minutes from 2020 General Assembly (Shanghai) [JH] [**POLL1**]
2. Treasurer's report –Mark Hasegawa-Johnson [MHJ]
 - (i) Report, (ii) Q&A, (iii) Vote to Approve [**POLL2**]
3. President's report –John Hansen [JH]
 - (i) Report, (ii) Q&A, (iii) Vote to Approve [**POLL3**]
4. Announcement of next ISCA President
5. Future of ISCA & Goals for 2021-2022 –discussion
6. Comments, Suggestions and Questions from ISCA Members
7. Invitation to the next ISCA General Assembly –Incheon, South Korea, September, 2022

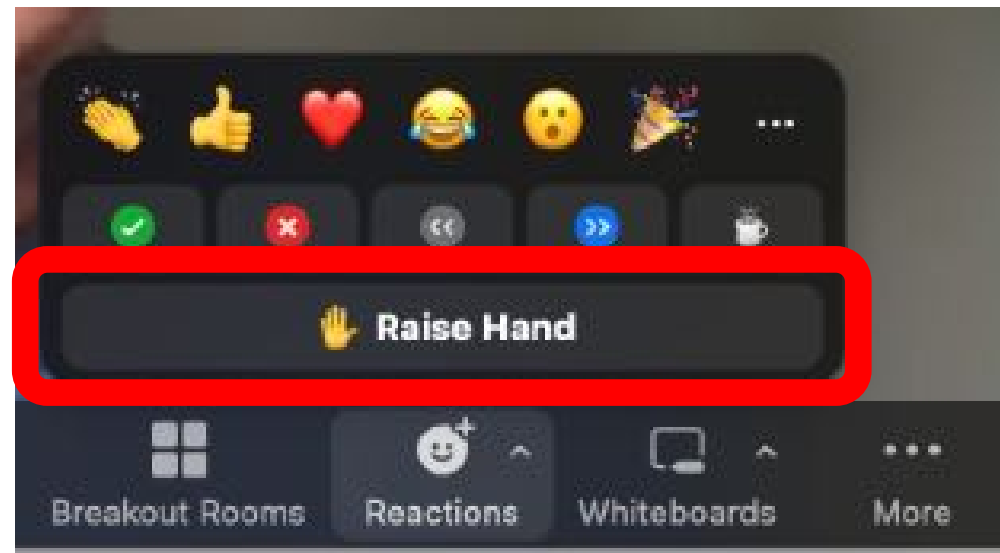
Approval of Minutes from the 2021 GA



[POLL 1] –Approval of the Minutes from 2021 General Assembly (Brno)

Do you approve the minutes of the 2021 General Assembly (Brno)?

Answer: a) Yes b) No c) Abstain



Interspeech 2022 Treasurer's Report



Income:

Income	2020	2021
Membership Fees	102,770.00	96,366.54
Interspeech Contribution	68,460.00	77,425.36
Special Donation	-	22,778.02
ITRW	-	9,820.00
Sales of Proceedings	250.00	225.00
Interest on Savings	2,536.00	2,986.05
Total Income	174,016.00	209,600.97

Interspeech 2022 Treasurer's Report



Expenses (Part 1):

Expenditures Part 1	2020	2021
Salaries (includes health/fringe benefits)	47,950.00	49,550.00
Board/SIG/Committee Meetings	6,956.61	12,733.45
Secretariat	3,937.50	3,604.89
Grants & Awards	30,560.88	43,220.62
Special Interest Groups	3,290.00	.00
Web Services & Maintenance	5,845.60	6,038.82
Subtotal: Salaries, Meetings, Secretariat, SIGs, Website, Grants & Awards	98,540.59	115,147.78

Interspeech 2022 Treasurer's Report



Expenses (Part 2):

Expenditures Part 2	2020	2021
(Part 1 from previous slide)	98,540.59	115,147.78
Distinguished Lecturers	4,892.56	1,666.28
Workshop Support	4,850.30	-
Student Activities	4,267.70	2,200.00
Training & Education	5,800.00	5,000.00
Contingency	3,500.00	-
Reviewer Portal	-	-
Bank Expense	1,805.20	1,302.41
Archive and Publication	980.30	1,859.43
Total Expenses	121,135.77	127,175.90

Interspeech 2022 Treasurer's Report



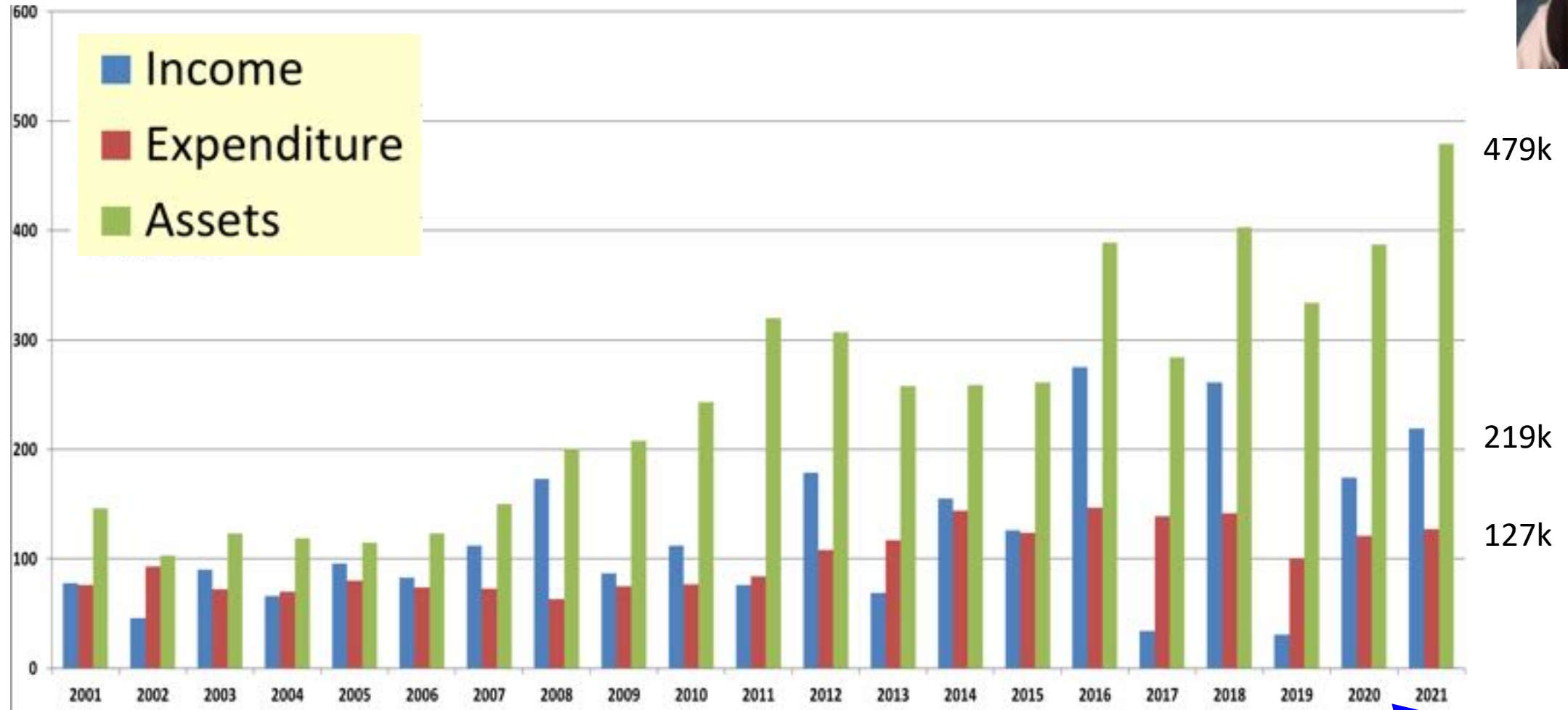
Assets and Equities:

Assets	2020	2021
Bank Balance	386,956.08	479,381.15
Receivables (IS loan to be paid back)		50,000.00
Total Assets	386,956.08	529,381.15

Liabilities	2020	2021
Payable		

Equity	2020	2021
Interspeech Risk Fund	120,000.00	120,000.00

Interspeech 2022 Treasurer's Report



(Includes Interspeech Risk Fund (IRF; 120k€)) 359k+120k

Interspeech 2022 Treasurer's Report



Conclusions (Part 1): Accounting for 2021

- Some late payments from Shanghai (IS20), part of payment from Brno (IS21); payout of seed-funds for Incheon (IS21)
- Received an additional Donation from IS-19 (Graz) & IS-20 (Shanghai)
- ISCA Society continues to grow – there are increasing demands on IS Organizers going forward with In-Person, Online, Hybrid conf. logistics;
- In recent years, ISCA has been slowly building needed resources to address:
 - Improved Infrastructure to support Members/Operations & Databases,
 - Conf. Management Operations; Technical Committee support, etc.
 - Over past 2-3 years due to COVID19, some expenses have also been saved.
- ISCA is now in a position to invest in our future, putting in place the necessary Software tools & Staff support needed for our society in next decade; Will also ensure a safety backup for IS Organizers (entire conf. risk sits with organizers).

Interspeech 2022 Treasurer's Report



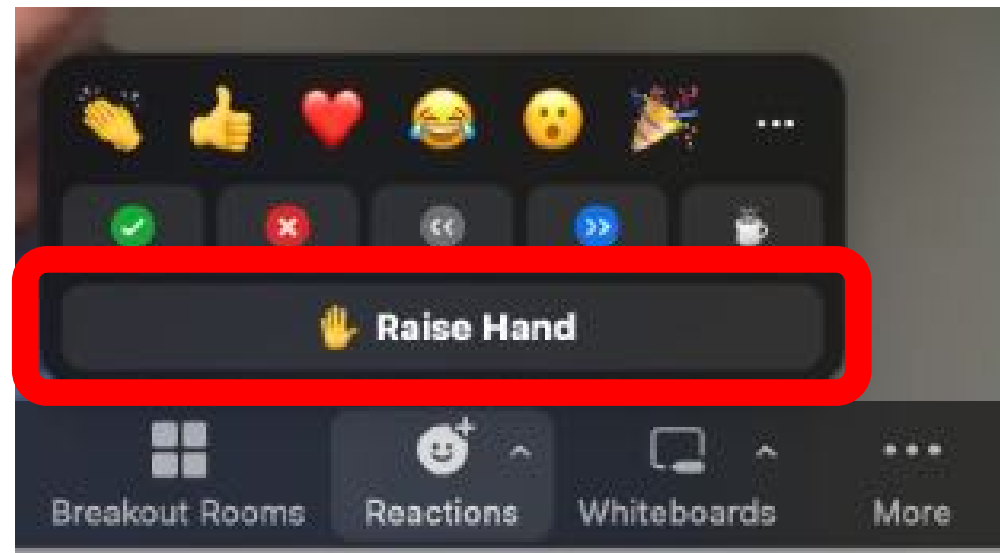
Conclusions (Part 2): Substantial Long-Term expenses for 2022

- ISCA Strategic steps to better support ISCA community / IS Organizers
- **New Employee:** hired new 50% time staff member for Conf. Management (to ensure better consistency across Interspeech's)
- **Software support:** strategic society upgrade – Assoc. Management software; Paper Handling software; Communciations software (website, social media, newsletter); Paper ethics check software.

Interspeech 2022 Treasurer's Report



[POLL 2] -Approval of the Treasurer's Report
Do you approve the ISCA Treasurer's Report?
Answer: a) Yes b) No c) Abstain



Interspeech 2022 President's Report



- ISCA Board News
- ISCA Association News
- Interspeech 2022 Technical Program
- ISCA Awards
- ISCA Programs
- Upcoming Interspeech Conferences

ISCA Board News



Sebastian Möller

President



Odette Scharenborg

Vice-President



Torbjørn Svendsen

Secretary,
Comm. Finances, Foundation,
Ethics



John H.L. Hansen



Nancy Chen

TC, Ethics



Mariapaola d'Imperio

Workshops



Phil Green

Fellows,
Training/Edu.



Joakim Gustafsson

Grants, Awards,
Students



Tatsuya Kawahara
Publications,
Ethics



Nobuaki Minematsu

SIG (lang).,
Geo Out., DL



**SR Mahadeva
Prasanna**

SIG (topic), Div. Out.



Bhuvana Ramabhadran

Industry, TC,
Foundation



Jianhua Tao
Conferences

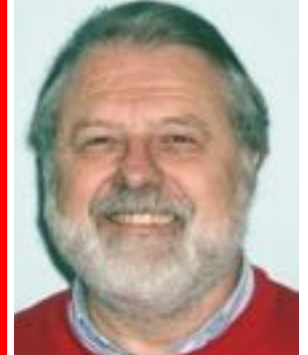


Margaret Zellers

Conferences



Ioana Vasilescu
Workshops



Chris Wellekens

Ex Officio

ISCA Board News



**Torbjørn
Svendsen**

2023 Elections:

- 6 Board members will finish their term,
3 of them may be re-elected
- Thus, 6 board members will be elected in 2023

Timeline:

- 1 Feb. – 10 March 2023: Nominations from the membership and board
- 28 March – 16 April 2023: Election (electronic) starts
- 2 May 2023: Election results will be announced
- 25 August 2023: New board will become effective

ISCA Board News



Sebastian Möller

President



Odette Scharenborg
Vice-President



Torbjørn Svendsen

Secretary,
Comm. Finances, Foundation,
Ethics



John H.L. Hansen



Nancy Chen

TC, Ethics



Mariapaola d'Imperio
Workshops



Phil Green

Fellows,
Training/Edu.



Joakim Gustafsson
Grants, Awards,
Students



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Publications,
Ethics



Nobuaki Minematsu

SIG (lang).,
Geo Out., DL



**SR Mahadeva
Prasanna**

SIG (topic), Div. Out.

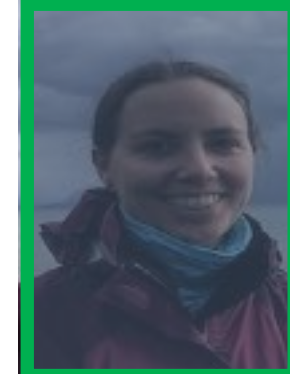


Bhuvana Ramabhadran

Industry, TC,
Foundation



Jianhua Tao
Conferences



Margaret Zellers

Conferences



Ioana Vasilescu
Workshops



Chris Wellekens

Ex Officio

Sadaoki Furui

- A virtual workshop in his honour will be organized on **Tuesday, November 29, 2022, 14h00-16h30 Central European Time**
- The workshop will include
 - presentations from a number of invited panelists
 - short contributions from persons with a specific scientific connection to him
- If you would like to contribute, please contact Isabel Trancoso (Isabel.Trancoso@inesc-id.pt) before October 1st, 2022
- Zoom link for the workshop will be distributed after October 1st, 2022, by sending an email to remember.furui@qu.tu-berlin.de
- Organizers: Isabel Trancoso, Roger K. Moore, Julia Hirschberg & Sebastian Möller

ISCA Association News

New Conference Coordinator

- **Antoine Serrurier** has joined ISCA as Scientific Coordinator
- Main task is to support Interspeech organizers with the set-up of the Technical Program (review system, etc.)

New Software Tools are being selected

- New association management software, including web front-end, grant/workshop application management, SIG and committee management, event management
- Possibly changes in the Start2 paper management system (to be decided)

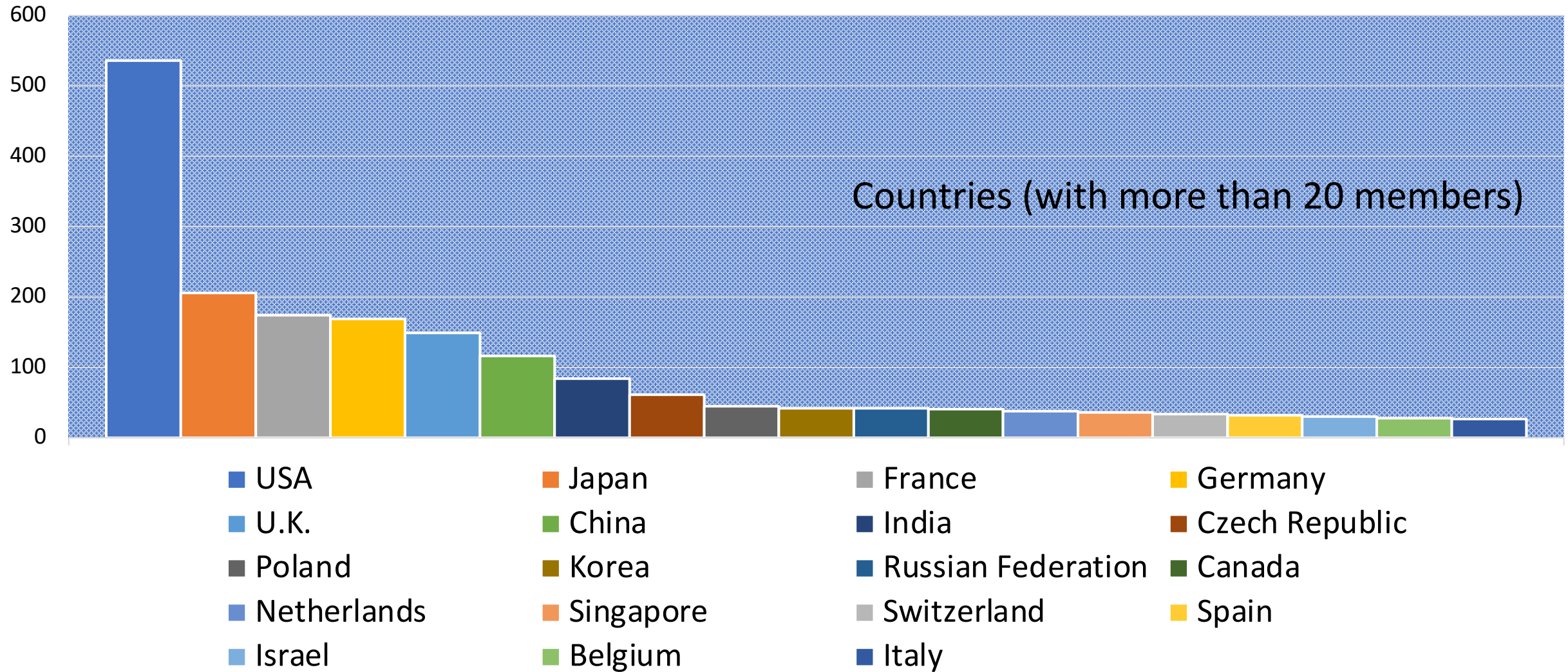


ISCA Membership by Category

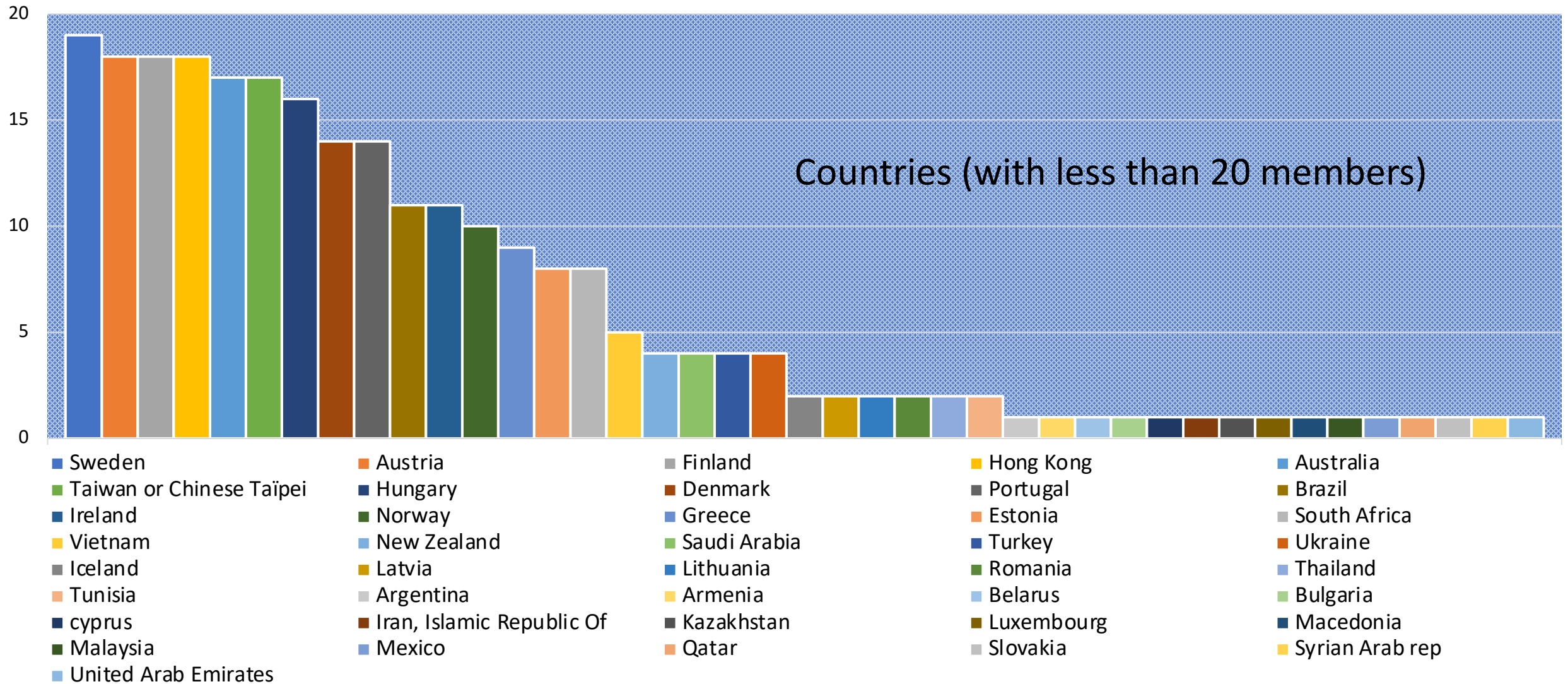
Members since 2001



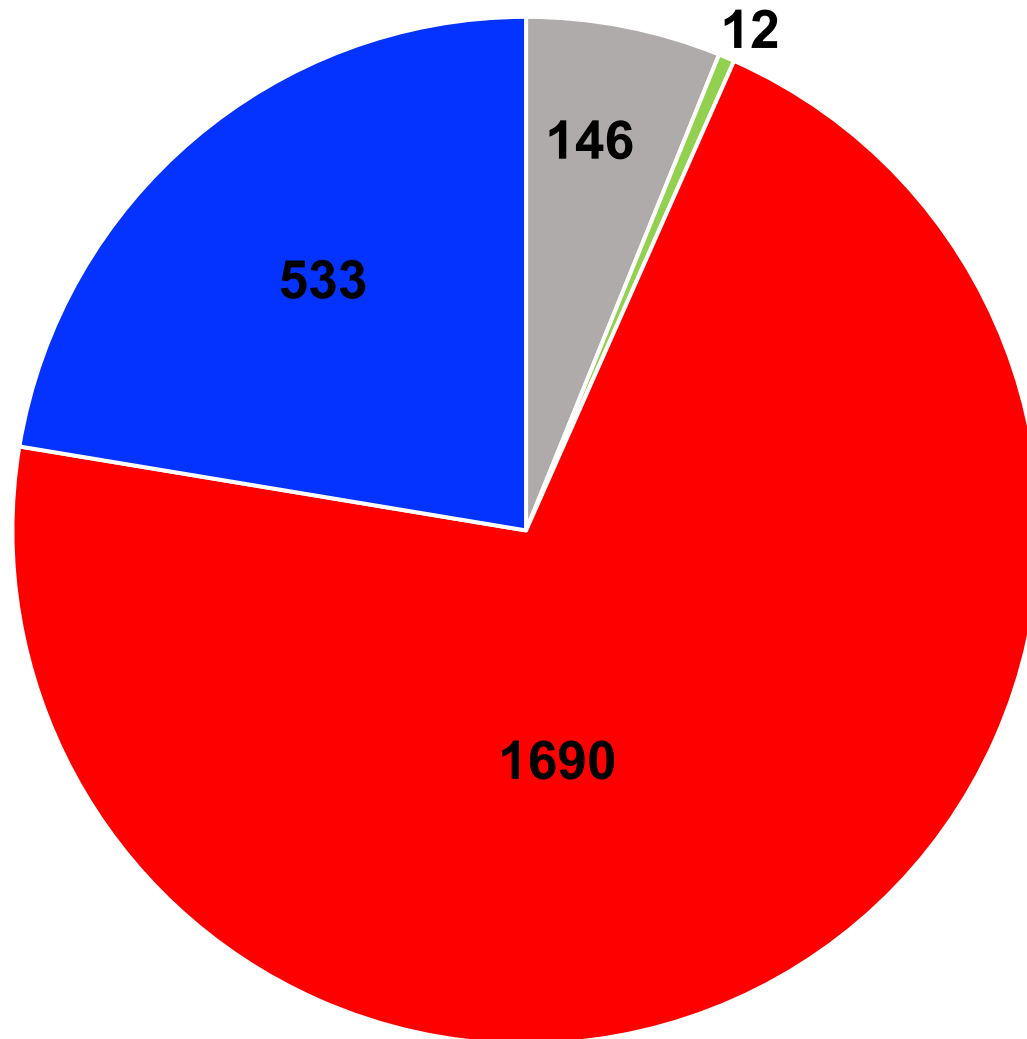
ISCA Membership by Country (1/2)







ISCA Membership by Country (2/2)



ISCA Membership by Gender



-  GENDER no info (6.1 %)
-  2021 Male (71.0 %)
-  2021 Female (22.4 %)
-  2021 Not Specified / Other (0.5 %)

Interspeech 2022 Technical Program

Submissions and Review:

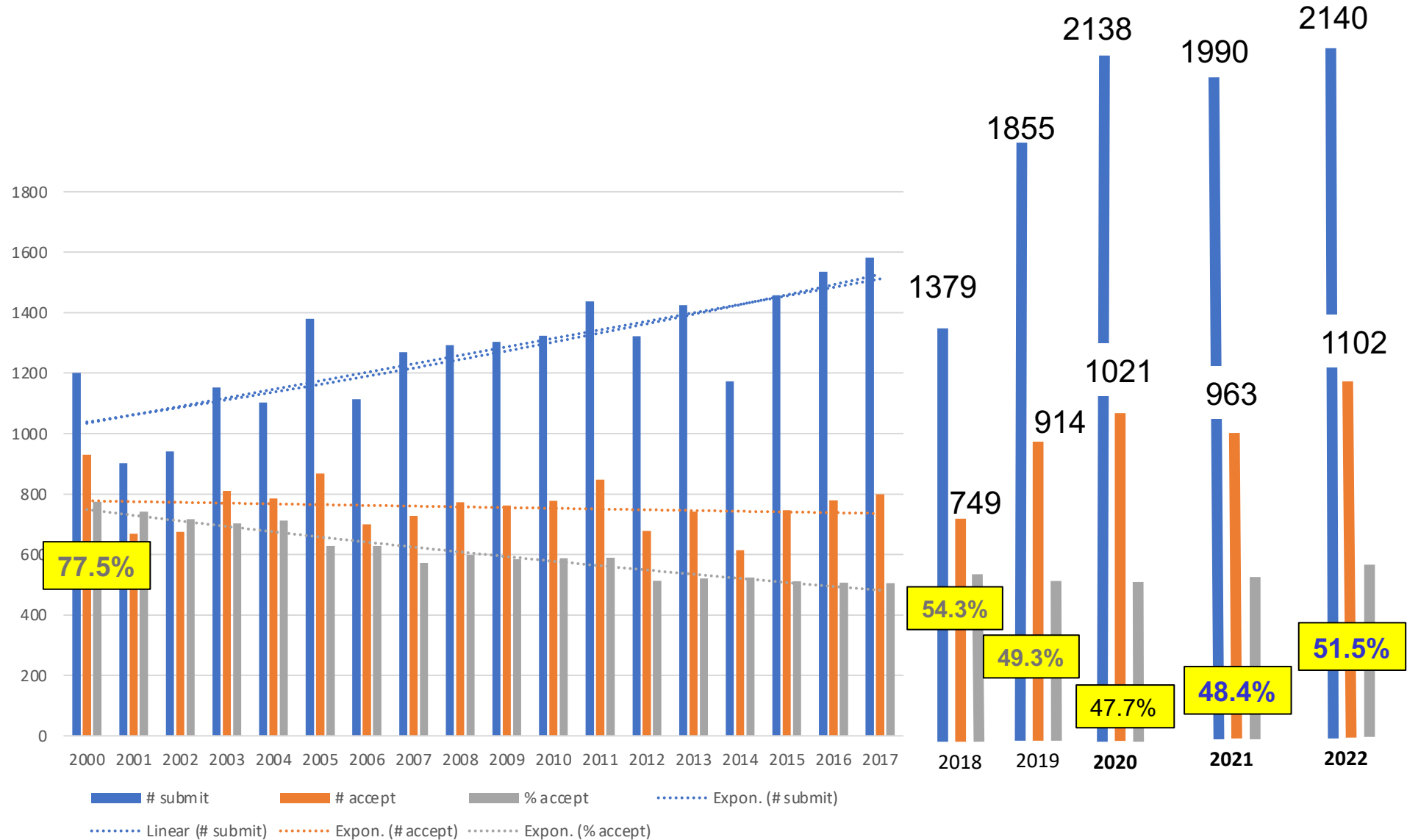
- 2,490 (+9.4%) initial submissions, 2,140 papers to review (+7.5%)
- At least three independent reviews
- In total 1,637 reviewers provided 6,540 reviews
- Hybrid TPC meeting held in Incheon during May 30-31
- Area chairs and TPC decided to accept 1,121 papers
- Papers were grouped into 124 technical sessions, 77 of them on-site (51 oral, 26 poster) and 47 virtual (all poster)

Interspeech 2022 Technical Program

Program:

- 4 keynote speakers: Lin-shan Lee (ISCA Medalist), Yejin Choi, Rupal Patel and Daniel Lee (overseen by Julia Hirschberg, Richard Stern, and David Han)
- 6 survey talks from both academia and industry
- 8 tutorials covering highly interesting and diverse topics (overseen by Hyung-Min Park and Mounya Elhilali)
- 12 Special sessions of a wide range of themes (overseen by Jon Barker, Odette Scharenborg, Jingdong Chen, and Joon Son Chung)
- 7 Show and Tell sessions (overseen by Dongsuk Yook and Ji-Hwan Kim)
- 6 ISCA-supported Satellite Events and Workshops (overseen by Jong Won Shin, Yunjung Kim and Wenwu Wang)

Interspeech 2022 Technical Program



Interspeech Topic Areas

	'22	'21	'20	'19	'18	'17
1. Speech Perception, Production and Acquisition	121	91	148	161	126	212
2. Phonetics, Phonology, and Prosody	83	112	71	103	77	164
3. Analysis of Paralinguistics in Speech and Language	122	116	157	140	115	159
4. Speaker and Language Identification	191	204	186	173	131	172
5. Analysis of Speech and Audio Signals	313	245	254	212	172	140
6. Speech Coding and Enhancement	206	189	193	122	84	81
7. Speech Synthesis and Spoken Language Generation	315	259	246	173	98	130
8. Speech Recognition Signal Processing, Acoustic Modeling, Robustness, and Adaptation	299	247	265	252	175	171
9. Speech Recognition - Architecture, Search, and Linguistic Components	121	124	97	71	50	57
10. Speech Recognition – Tech’s and Systems for new Apps	105	85	126	80	65	57
11. Spoken dialog systems and conversational analysis	102	99	85	110	50	106
12. Spoken Language Processing: Translation, Information Retrieval, Summarization, Resources and Evaluation	129	121	93	97	54	119
13. Speech, voice, and hearing disorders	118	82	0	0	0	0
Special Sessions:	265	303	161	182		
TOTALS:	2490	2277	2138	1855	1379	1568

(2140)(1990)

Interspeech Topic Areas

What constitutes a Special Session? Guidelines?

Statement from the ISCA board on Special Sessions at Interspeech

"A Special Session should not run for more than 3 years in total. After this, the special session topic should either be merged into regular sessions in consultation with the ISCA TC or the special session organizers will be expected to organize a standalone workshop on the same topic."

ISCA Awards and Recognitions



**Joakim
Gustafsson**

To be recognized at the closing ceremony:

- INTERSPEECH Best Student Paper Awards
- YFRSW Best Poster Award
- Best Papers - Computer Speech and Language
- Best Papers - Speech Communication

Recognized this morning:

- ISCA Fellows
- ISCA Medalists

ISCA Best Student Papers Shortlist (1/2)



**Joakim
Gustafsson**

Tsiky Rakotomalala, Pierre Baraduc and Pascal Perrier:

Trajectories predicted by optimal speech motor control using LSTM networks

PaperID-10604, Speech Production, Mon-O-OS-2-2, In-Person

Philipp Buech, Rachid Ridouane and Anne Hermes:

Pharyngealization in Amazigh: Acoustic and articulatory marking over time

PaperID-10831, Phonetics and Phonology, Wed-O-OS-7-3, In-Person

Ambika Kirkland, Harm Lameris, Éva Székely and Joakim Gustafson:

Where's the uh, hesitation? The interplay between filled pause location, speech rate and fundamental frequency in perception of confidence

PaperID-10973, Emotional Speech Production and

Perception, Thu-O-OS-10-3, In-Person

Bei Liu, Zhengyang Chen and Yanmin Qian:

Attentive Feature Fusion for Robust Speaker Verification

PaperID-478, Embedding and Network Architecture for Speaker Recognition, Mon-P-VR-1-4, Virtual

Katharine Patterson, Kevin Wilson, Scott Wisdom and John R. Hershey:

Distance-Based Sound Separation

PaperID-11100, Spatial Audio, Mon-P-VR-2-4, Virtual

Vinay Kothapally and John H.L. Hansen:

Complex-Valued Time-Frequency Self-Attention for Speech Dereverberation

PaperID-11277, Dereverberation and Echo Cancellation, Tue-P-VR-5-4, Virtual

ISCA Best Student Papers Shortlist (2/2)



**Joakim
Gustafsson**

Minchan Kim, Myeonghun Jeong, Byoung Jin Choi, Sunghwan Ahn, Joun Yeop Lee and Nam Soo Kim:
Transfer Learning Framework for Low-Resource Text-to-Speech using a Large-Scale Unlabeled Speech Corpus
PaperID-225, Speech Synthesis: Acoustic Modeling and Neural Waveform Generation I, Mon-P-OS-2-2, In-Person

Guangzhi Sun, Chao Zhang and Phil Woodland:
Tree-constrained Pointer Generator with Graph Neural Network Encodings for Contextual Speech Recognition
PaperID-461, Neural Transducers Streaming ASR and Novel ASR Models, Tue-P-VR-4-4, Virtual

Qu Yang, Qi Liu and Haizhou Li:
Deep Residual Spiking Neural Network for Keyword Spotting in Low-Resource Settings
PaperID-107, Resource-constrained ASR, Wed-P-OS-6-3, In-Person

Bowen Shi, Wei-Ning Hsu and Abdelrahman Mohamed:
Robust Self-Supervised Audio-Visual Speech Recognition
PaperID-99, Zero Low-resource and Multi-Modal Speech Recognition II, Tue-P-VR-4-5, Virtual

Sarenne Carrol Wallbridge, Catherine Lai and Peter Bell:
Investigating perception of spoken dialogue acceptability through surprisal
PaperID-10808, Spoken Dialogue Systems, Thu-O-OS-9-4, In-Person

Hyeon-Kyeong Shin, Hyewon Han, Doyeon Kim, Soo-Whan Chung and Hong-Goo Kang:
Learning Audio-Text Agreement for Open-vocabulary Keyword Spotting
PaperID-580, Spoken Term Detection and Voice Search, Tue-O-OS-4-4, In-Person

ISCA Awards and Recognitions

The ISCA Fellows Program *'recognises and honours members who have made significant contributions to the science and technology of speech communication.'*

We call for nominations in December and the **Fellows Selection Committee** reviews the nominations in March. The FSC consists of 9 Fellows, each serving a 3 year term. In 2022 it was chaired by **Val Hazan**. In 2023 it will be chaired by **Keikichi Hirose**.

COVID prevented us from presenting the awards in person in the last 2 years. The 2020 and 2021 fellows may now be acknowledged :

Prof. Thomas Hain

For leadership in the field of automatic speech recognition



Prof. Satoshi Nakamura

For contributions to research on multi-lingual and cross-lingual spoken language communication systems



Prof. Jean-Francois Bonastre

For leadership in the field of speaker recognition and sustained contributions to ISCA



ISCA Fellows 2022

The 2022 Fellows are:



David House

For outstanding multidisciplinary work at the crossroads of speech science and technology



Heiga Zen

For pioneering contributions to model-based speech synthesis



Hema Murthy

For contributions to signal processing for speech technology applications and for leadership in speech processing for Indian languages



Hideki Kawahara

For contributions to speech signal processing and speech science by introducing flexible speech analysis, modification and synthesis systems



Tara Sainath

For contributions to deep learning for automatic speech recognition



Alex Waibel

For pioneering contributions in multilingual and multimodal spoken language processing and translation

ISCA Awards and Recognitions

The ISCA Service Medal 2020

recognizes an ISCA member who has provided extraordinary service to ISCA and/or the Speech Communication community.

Prof. Isabel Trancoso

For sustained service for ISCA and the Speech Communication community in terms of leadership, outreach and society recognition



ISCA Awards and Recognitions

The **ISCA Medal for Scientific Achievement**

Recognises and honours an individual each year who has made extraordinary contributions to the field of speech communication science and technology. The medal is awarded by the ISCA board

In 2022 the medal goes to

Lin-shan Lee



For sustained innovation in all aspects of Chinese and English spoken language technologies

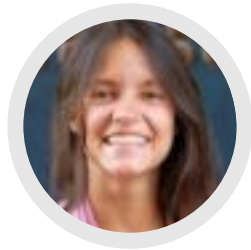
ISCA Key Dates 2022/23

- Bids for Interspeech 2026
Open now; Closing date 1st November 2022
- ISCA Medal for Scientific Achievement 2023
Open now; Closing date 5th January 2023
- ISCA Service Medal 2023
Open now; Closing date 5th January 2023
- ISCA Fellows 2023
Open now; Closing date 10th February 2023
- ISCA Board election
Nomination opens 1st Feb 2023; Closing date 10th March 2023

ISCA Programs

- ISCA-SAC
- ISCA-PECRAC
- ISCA Advisory Council (IAC)
- Diversity Committee
- Technical Committee
- Industry
- Foundation
- Task Force Electronic Tools
- SIGs
- Workshops
- Grants
- Distinguished Lectures
- International Online Seminars
- Publications and Online Archive
- Ethics Committee
- Conferences Committee
- Education & Training

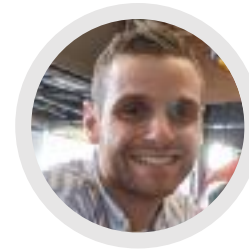
ISCA Student Advisory Committee (SAC)



Catarina Botelho
General Coordinator
Portugal



Francisco Teixeira
Event Coordinator
Portugal



Thomas Rolland
Event Coordinator
Portugal



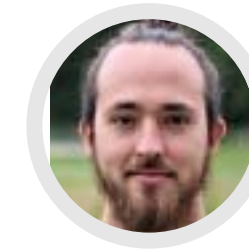
Joakim Gustafsson
ISCA Board Liasion
Sweden



Omnia Ibrahim
Media Coordinator
Germany



Iona Gessinger
Advisor
Ireland



Jasper Ooster
Advisor
Germany

- **SAC Volunteers:** Anna Leschanowsky (Germany), Guanyu Huang (UK), Heather Weston (UK), Hira Dharmyal (USA), Mariana Julião (Portugal), Satwik Dutta (USA), Sebastião Quintas (France), Sonal Joshi (USA), Tina Raissi (Germany), Wenjie Peng (China)

ISCA Mentoring Committee



Catarina Botelho
Coordinator
Portugal



Judith Dineley
Coordinator
UK



**Madhav
Kashyap**
India



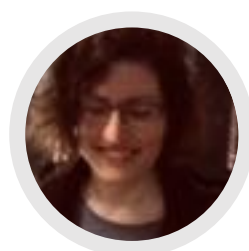
Trang Tran
USA



**Hira
Dhamyal**
USA



**Anupama
Chingacham**
Germany



**Sarah
Melker**
Austria

Thanks to...

- Emmanuelle Foxonet
- ISCA board
- All the mentors that have volunteered so far
- In 2022 alone: 54 mentors based in 18 countries - and counting!



ISCA–SAC & Mentoring Committee @ IS 2022

■ Events

Doctoral Consortium

Sept 17th – Hybrid

Mentoring: round-tables

Sept 20th – Hybrid
12h KST
(Lunch event)

Mentoring: One-to-one

All week, online
and in-person

Students Meet Experts

Sept 20th – Hybrid
16h KST

SAC breakfast

Sept 22nd
7h30-8h30
in person

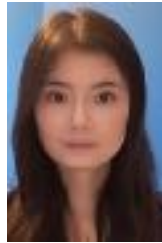
■ Other activities: Speech Pitch Podcast

Registration
links and other
info here!



Postdoc&Early Career Researcher (ISCA-PECRAC)

General Coordinators



Yaru Wu

CRISCO/EA4255 – LPP/CNRS – LISN/CNRS
Université de Caen,
France



Berrak Sisman

University of Texas at Dallas,
USA



Shammur Chowdhury

Event Coordinator

Qatar Computing Research Institute,
Qatar



Jennifer Williams

Media Coordinator

University of Southampton,
UK



Ravi Shankar Prasad

Technical Coordinator

Idiap Research Institute,
Switzerland

PECRAC Volunteers:

Sailor Hardik (Singapore), **Sishir Kalita** (India), **Cong Zhang** (UK), **Mingyang Zhang** (Singapore)

Postdoc&Early Career Researcher (ISCA-PECRAC)

2nd Early Career Researcher Annual Gathering @ Interspeech 2022

Time : September 18 at 16:00 (4PM), Incheon time (UTC/GMT +9)

Location : Online

Program :

- Introduction talk for ISCA-PECRAC
- Keynotes / invited speakers
 - John H.L. Hansen (University of Texas at Dallas, USA)
 - Katherine M. Knill (University of Cambridge, U.K.)
- Q & A
- General discussion



Connecting Early Career Researchers @ Interspeech 2022

Time : September 20 at 15:00 (3PM), Incheon time (UTC/GMT +9)

Location : Online

Program :

- Welcome and Introduction to the Event
- Round-table discussion [Part 1]: (Topic-based break-out rooms)
- Break
- Round-table discussion [Part 2]: (Topic-based break-out rooms)
- Closing remarks, introduce PECRAC forums



ISCA Advisory Council



Torbjørn
Svendsen

Chair:

- Sebastian Möller, ISCA President, non-voting

Life Members: In alphabetical order

- Hiroya Fujisaki, The University of Tokyo, Japan
- Joseph Mariani, LIMSI-CNRS, France

Members: In alphabetical order: [end of term]

- Paavo Alku [1/1/2021 - 31/12/2024]
- **Abeer Alwan [1/1/2021 - 31/12/2022]**
- Catherine Best [1/1/2021 - 31/12/2024]
- **JF Bonastre [1/1/2021 - 31/12/2022]**
- Jan Honza Cernocky (INTERSPEECH 2021 General Chair) [1/1-2022 - 31/12-2026]
- Heidi Christensen [1/1/2021 - 31/12/2024]
- Martin Cooke [1/1/2021 - 31/12/2024]
- Eric Fosler-Lussier [1/1/2021 - 31/12/2024]
- Keikichi Hirose [1/1/2021 - 31/12/2024]
- **Julia Hirschberg [1/1/2021 - 31/12/2022]**
- Gernot Kubin (INTERSPEECH 2019 General Chair) [1/1/2020 - 31/12/2024]
- Lori Lamel [1/1/2021 - 31/12/2024]
- **Lin-shan Lee [1/1/2021 - 31/12/2022]**
- **Haizhou Li (Past President, Interspeech 2014 Chairman) [1/1/2015-31/12/2022]**
- Helen Meng (INTERSPEECH 2020 General Chair) [1/1/2021 - 31/12/2024]
- **Bernd Möbius [1/1/2021 - 31/12/2022]**
- Satoshi Nakamura [1/1/2021 - 31/12/2024]
- **Shri Naryanan [1/1/2021 - 31/12/2022]**
- Ailbhe Ni Chasaide [1/1/2021 - 31/12/2024]
- **Elmar Nöth [1/1/2021 - 31/12/2022]**
- Douglas O'Shaughnessy [1/1/2021 - 31/12/2024]
- Preethi Rao [1/1/2021 - 31/12/2024]
- **Tanja Schultz [1/1/2021 - 31/12/2022]**
- **Elizabeth Shriberg [1/1/2021 - 31/12/2022]**
- Keiichi Tokuda [1/1/2021 - 31/12/2024]
- **Isabel Trancoso [1/1/2021 - 31/12/2022]**
- EiC, Speech Communication, non-voting member (Frederic Bimbot) [1/1/2019 - end Editorship]
- Editor, Computer Speech and Language, non-voting member (Roger K. Moore) [09/08/2016 - end Editorship]

ISCA Advisory Council



Torbjørn
Svendsen

- Election of new IAC members
 - IAC should have approx 25 senior members
 - 4-year terms
 - 11 members end their terms in 2022
 - Nominations from the IAC
 - Elected by the board

- Nominations by Nov. 1, 2022, for term Jan 1, 2023 – Dec 31, 2026

DIVERSITY: Recognizing & Encouraging

ISCA commits to supporting diversity in all forms of our membership and community

Questions, suggestions? diversity@isca-speech.org



Odette Scharenborg
ISCA Board Member
TU Delft, Netherlands

Activities

- Tracking diversity on gender so far. We want to broaden to ethnicity, sexual orientation, etc. → Questionnaire
- 4th Diversity meeting@Interspeech: Tue Sept 20: 12.00-13.30 (bring your own lunch)
- 3rd LGBTQI* meeting@Interspeech: Wed Sept 21: 13.30-14.30
- WomenNspeech database; ISCA statement on Diversity; several code-of-conducts

We are looking for a new chair. Interested? Send us an e-mail!

ISCA Technical Committee



Nancy
Chen



Bhuvana
Ramabhadran

Contact: tc@isca-speech.org

Role: Oversee and ensure quality of the technical program for Interspeech and provide technical continuity across Interspeech conferences

Committee Members: (ISCA Board)

- Nancy Chen
- Bhuvana Ramabhadran



(+ TC Members)

- Thomas Hain 2019
- Jianhua Tao 2020
- Lukas Burget 2021
- Kyogu Lee 2022



Aims:

- Advise TPC of INTERSPEECH on new and emerging topics/sub-areas
- Ensure Reviewer pool is current & large;
Support 3 reviews/paper as paper submissions increase
- Update paper management system as needed for efficiency
- Provide assistance to TPC
 - (liaison with previous years' TPC, suggestions for ACs, Keynotes,
 - Trend talks, Plagiarism checks, innovations in the overall program)

Antoine
Serrurier



Reviewer Portal: Support of Reviewer Base for ISCA



**Bhuvana
Ramabhadran**

Industry Participation

- Reduced participation in IS 2022 from key industry members
 - Industry lunch will therefore be virtual post conference
- Questions normally discussed at the lunch have returned few responses
 - Focus more on benchmarks for speech science and other tasks
 - With more open source offerings springing up, ISCA should take an increased leadership role in these activities
 - Hybrid approaches coming up everywhere - provide better virtual participation in workshops and conferences
 - Similar to Webinars / SCOOT offer panels on a regular basis to students
 - Partners like the establishment of a non-profit foundation in the US

Establishing an ISCA Foundation



**John
Hansen**



**Bhuvana
Ramabhadran**

- With the current economic situation and covid related losses, lesser enthusiasm this year for starting donations (companies such as Amazon, Apple, Meta, RenTech have supported the concept and wish to revisit in 2023)
- ISCA - as established, is a non-profit organization; our charter is focused on promoting supporting the community
- ISCA would like to establish this foundation to allow for future advancements, opportunities, etc. to support ISCA members / speech field
- ISCA would like to expand recognition awards for students & attendees (i.e., named awards): sustaining cash awards for recognition could be supported from the foundation (e.g., Christian Benoit award, etc.)
- Interest from other similar associations
 - IEEE that oversees ICASSP

ISCA Task Force Electronic Tools



Support through Software Tools:

- **Association management:** Management of members, their payments, groups for SIGs and committees, mail services, applications for workshops and grants, etc.
- **Paper handling:** Basic functionality of Start2, plus the organization of papers in session, session planning, perhaps collection of camera-ready papers
- **Communication:** Website, social media, newsletter, etc.

Process:

- Priority for association management software
- Shortlist of 5 candidate softwares, discussed wrt. price, functionality, GDPR
- Volunteers are invited to help with the transition process
- In addition: Check review software, trials with new paper-matching

ISCA Special Interest Groups (SIGs)



Nobuaki Minematsu S. R. Mahadeva Prasanna

7 Language SIGs

- French
- Chinese
- Italian
- Indian languages
- Iberian languages
- Russian
- Under-resourced Languages



Geographical Outreach

- Sub-committee on Eastern Europe
- Sub-committee on West Asia and North Africa
- Sub-committee on South Asia
- Sub-committee on Sub-Saharan Africa



ISCA Topic SIGs



Nobuaki Minematsu S. R. Mahadeva Prasanna

15 Topics SIGs

- Speech Synthesis – [SynSig](#)
- Audio Visual Speech - [AVISA](#)
- Under-resourced Languages – [SIGUL](#)
- SPEaker and Language Characterization - [SpLC](#)
- Speech Prosody – [SProSIG](#)
- Discourse and Dialogue - [SIGdial](#)
- Speech and Language Technology in Education – [SLaTE](#)
- Machine Learning - [SIGML](#)
- Speech and Language in Multimedia - [SLIM](#)
- The History of Speech Communication Sciences - [SIG-HIST](#)
- Child Computer Interaction - [SIG-CHILD](#)
- Robust Speech Processing - [SIG-RoSP](#)
- Security and Privacy in Speech Communication - [SIG-SPSC](#)
- Spoken Language Translation - [SIG-SLT](#)
- Speech and Language Processing for Assistive Technologies - [SLPAT](#)

ISCA Workshops



**Mariapaola
D'Imperio**



**Ioana
Vasilescu**

Workshops/ year	2019	2020	2021	09/2022
	19 approved (2 TBI, 1R)	18 approved (2TBI) 7 supported, 7 sponsored, 4 ITRW	19 approved (7 supported, 6 sponsored, 4 challenges, 1 ITRW, 1 training school)	17 submitted, 15 approved

TBI=to-be-improved; R=rejected; ITRW= ISCA Tutorial and Research Workshop

- Relatively stable submission ratio (and submission/approval ratio) despite the pandemic
- Invitation: Workshops proposition/announcement (SIGs lunch meeting on Tuesday 20th)
- New topics: more events from linguistic areas

ISCA Grants 2022

Kechun Li
A Arunkumar
Sondes Abderrazek
Binu Abeysinghe
Andrea Alicehajic
Franklin Alvarez Cardinale Ananya Ayasi
Abdul Hameed Azeemi
Alan Baade
Matthew Baas
Shahaf Bassan
Debarpan Bhattacharya
Han Bing
Andrei Birladeanu
Catarina Botelho
Siddarth Chandrasekar
Gerasimos Chatzoudis
Jaejin Cho
Trung Duc Anh Dang
Helen Gent
Chou Huang-Cheng

Li Jingyu
Georgios Karakasidis
Piotr Kawa
Joseph Konan
Kunnar Kukk
Boram Lee
Yuna Lee
Yi Lei
Guan-Ting Lin
Bei Liu
Luong Manh
Debasish Ray Mohapatra
Jonathan Mukiibi
Takayuki Nagamine
Bernard Opoku
Zexu Pan
Darshana Priyasad
Fareeha Rana
Anwasha Roy
Matsui Sanae

Nicolas Schmidt
Yael Segal
Naoaki Suzuki
Tuende Szalay
Dehua Tao
Francisco Teixeira
Nguyen Luong Tran
Ioannis Tsiamas
Werner Van Der Merwe
Lester Phillip Violeta
Sarenne Wallbridge
Haibin Wu
Peter Wu
Ting-Wei Wu
Liumeng Xue
He Yuhang
Jing Zhao
Running Zhao
Da-Wei Zhou



**Joakim
Gustafsson**

ISCA Distinguished Lecturer Program



Nobuaki
Minematsu

- **Distinguished Lecturers for 2021-2023 (3 years)**
 - Prof. Reinhold Häb-Umbach, Communications Engineering, Paderborn University, Germany
- **Distinguished Lecturers for 2020-2022 (3 years)**
 - Prof. Suzanne Boyce, University of Cincinnati, USA
 - Prof. Hemant A. Patil, Dhirubhai Ambani Institute of Information and Communication Technology, India
- **Invitations are requested to deliver lectures to your students.**
 - Flight costs will be covered by ISCA, and local travel & accommodation costs need to be covered by local host if travelling is possible physically.
 - Under COVID-19, online talks with interactive discussions will be provided for students and young researchers.
 - For details, please go to ISCA Distinguished Lecturer Website.
- **Call for nomination for new DLs will start in December !**

ISCA International Online Seminars

In response to covid ISCA has set up a pool of speakers prepared to give on-line talks.

For speakers, abstracts and contacts see the left panel on isca-speech.org Simply contact a speaker and make your own arrangements.

The current list of speakers:

Roger Moore [Martin Cooke](#) [Sakriani Sakti](#) [John Hansen](#) Thomas Hueber
[Karen Livescu](#) [Odette Scharenborg](#) [Shri Narayanan](#) Ann Bradlow

Shinji Watanabe [Giuseppe Riccardi](#) [Amalia Arvaniti](#) [Eric Fosler-Lussier](#)
[Heiga Zen](#) [Ralf Schlueter](#)

If you would like to offer a talk, contact Phil Green

Publications & Archive



Tatsuya
Kawahara

- Proceedings of INTERSPEECH-22 is available on ISCA archive.
- **ISCA archive was renewed last year (thanks to Martin Cooke)**
 - DOI is assigned to all past INTERSPEECH and other conferences.
→ Please use DOI for reference of papers!!
 - Search function by paper title and author names
 - Mobile- and tablet- friendly interface
- Publications FAQ:
 - **“Can I place a copy of my paper in my institutional or other repositories?”**
 - Answer: Yes, you can, on the condition that it is correctly referenced with the publication information (e.g. INTERSPEECH) including DOI.
 - **“Can I use a part of my papers for my dissertation?”**
 - Answer: Yes, you can, on the condition that it is correctly referenced with the publication information (e.g. INTERSPEECH) including DOI.



ISCA Online Archive Renewed in 2021



Tatsuya
Kawahara

- DOI is assigned to all past INTERSPEECH and other conferences.
→ Please use DOI for reference of papers! (URL may be changed)
- Search function by paper title and author names **and keywords**
- Mobile- and tablet- friendly interface

The screenshot shows the ISCA Online Archive website. At the top, there is a navigation bar with 'Archive', 'ISCA Conferences', 'Papers', and 'About'. Below the navigation bar is a large grid of colorful conference logos. The main content area features the text: 'Welcome to the ISCA Archive', 'Explore the largest open collection of research papers in speech communication', and '(currently archiving 32364 papers, 323 conferences)'. Below this, there is a search prompt: 'Search for papers, explore entire conferences or use the links below to jump directly to our main INTERSPEECH series by year:'. At the bottom, there are two rows of blue buttons representing years from 2021 to 1990.

Code of Ethics for Authors



Tatsuya
Kawahara

ISCA is committed to publishing high-quality journals and conference proceedings.

- **NO fabrication, falsification or data breach**
- **NO (self-)plagiarism, No multiple submissions**
- Respect **copyrights**
- Respect **human rights**
- All co-authors must be responsible & accountable

Violation may result in sanctions including rejection of all papers and suspension of future submissions (ISCA 'watch-list').

➔ **Note:** several cases investigated & sanctioned in recent years

Please refer to [ISCA Website](#) & ISCApad for full text

Unethical Cases Reported

iThenticate was introduced to check papers in IS-21 & 22, resulting in many alerts to Ethics committee, which concluded several 'guilty' cases.

Examples:

- Significant overlap with another paper (w/o reference)
- Submission of two papers that are significantly overlapped (with a same main claim)
- Submission of part of a journal paper
- Submission of an arXiv paper with different co-authors
- A paper whose content is mostly the same as another paper but with a different setup (task or dataset)
- Extension of previous work, but overlap is too much.



Tatsuya
Kawahara

Future Interspeech Conferences



Next three Interspeech Conferences:

- Dublin 2023
- Jerusalem 2024
- Rotterdam 2025

Ongoing conversations about hybrid access (post-Covid) due to substantial increase in cost of organization with current hybrid format

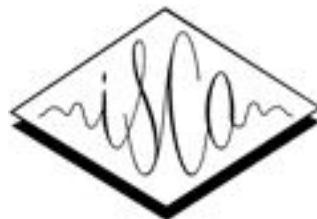


INTERSPEECH 2023

20th-24th August 2023 - Dublin, Ireland



Engaging Content





INTERSPEECH 2024 JERUSALEM

Speech and Beyond

September 1-5, Jerusalem, Israel



Bar-Ilan University
אוניברסיטת בר-אילן



AFEKA TEL · AVIV ACADEMIC COLLEGE OF ENGINEERING



ORTRA MEETING POINT

“SPEECH AND THE INDIVIDUAL”

17-22 AUGUST 2025



General chair: Odette Scharenborg

General co-chairs: Khiet Truong, Catha Oertel

TPC: Esther Klabbers (Chair), Martin Cooke, Tomi Kinnunen

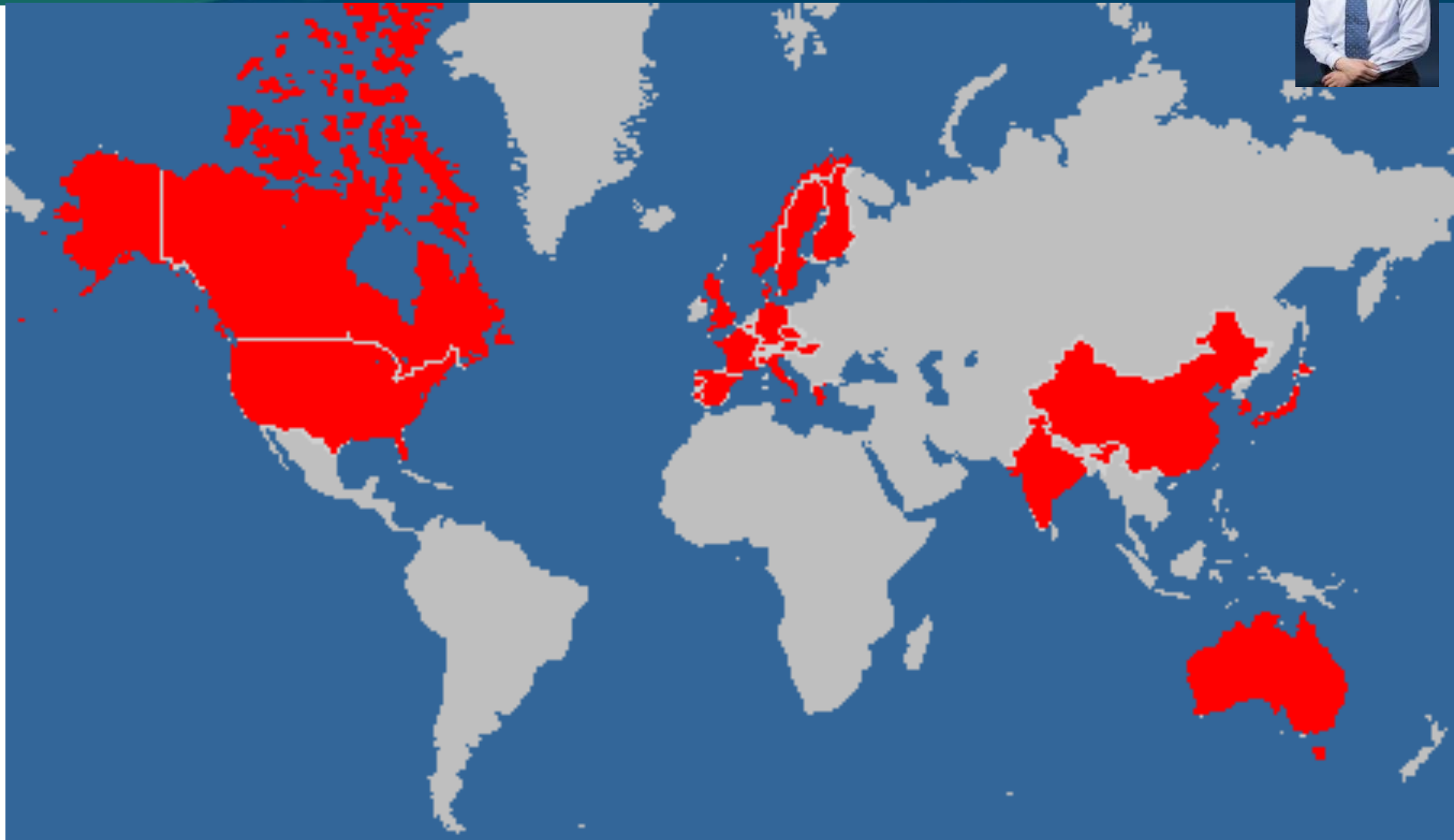


Future Interspeech Conferences



- **Bidding Process and Timeline**
 - Deadline for bids: 1 November 2022
 - Decision by ISCA board: January 2023
- **Support from Conferences Co-chairs**
 - Suggestions/support in building a team and building bid
 - Comments on draft bids (no later than 1 week before submission deadline)
- **Guidelines** for bids available on ISCA website
- Guidelines for avoiding conflict of interest on Interspeech bids now available on ISCA website

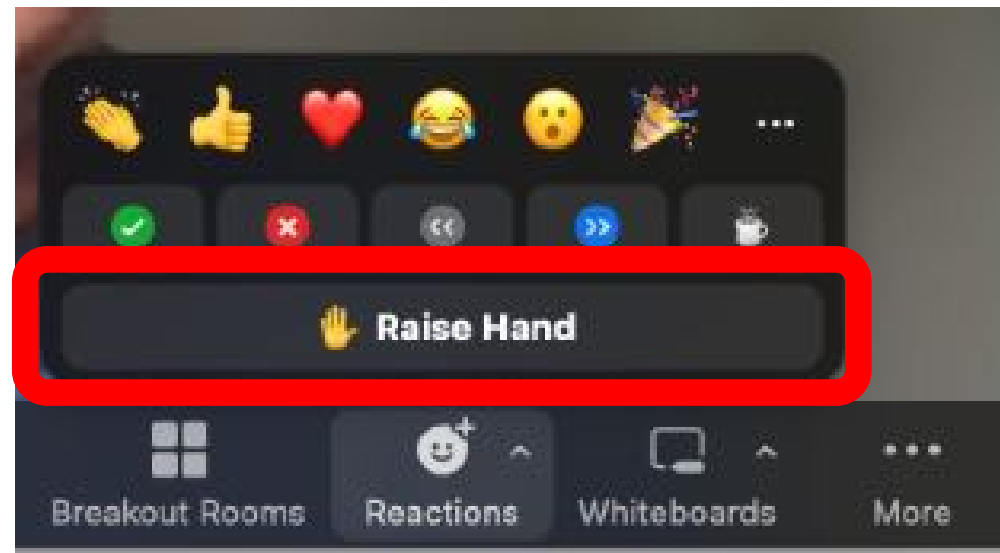
Future Interspeech Conferences



Interspeech 2022 President's Report



[POLL 3] -Approval of the President's Report
Do you approve the ISCA President's Report?
Answer: a) Yes b) No c) Abstain



Agenda



- ISCA Goals for 2022-2023
 - Installation of a new Association Management Software
 - Organization of support for IS23 by Antoine Serrurier
 - Installation of an ISCA Foundation
- Comments, suggestions and questions from ISCA members

Agenda

- Invitation to the Interspeech 2023 General Assembly:



Interspeech 2023, 20 – 24 August, Dublin, Ireland