Interspeech 2018
Technical Program Overview

Prasanta Ghosh
Hema Murthy
Preeti Rao
Paavo Alku

3 September, 2018
### Technical Program at A Glance

#### INTERSPEECH 2018 - PROGRAM AT A GLANCE

<table>
<thead>
<tr>
<th>Time</th>
<th>Sep. 2, 2018</th>
<th>Sep. 3, 2018</th>
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<td>09:30-10:00</td>
<td>Forenoon Tutorial</td>
<td>Welcome Refreshment</td>
<td>Refreshment Break</td>
<td>Plenary Talk-1: Jacqueline Vaisièrè</td>
<td>Plenary Talk-2: Hervé Bourlard</td>
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<td>10:00-10:30</td>
<td>Refreshment Break</td>
<td>Refreshment Break</td>
<td>Technical Session-3 (36 Orals, 51 Posters and 5 Show-and-Tell)</td>
<td>Technical Session-5 (33 Orals, 53 Posters and 5 Show-and-Tell)</td>
<td>Technical Session-8 (38 Orals, 45 Posters and 4 Show-and-Tell)</td>
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<td>11:00-11:30</td>
<td>ISCA Medal Talk: Bishnu S. Atal</td>
<td>Refreshment Break</td>
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<td>Perspective Talk-1: Dilek Hakkani-Tur</td>
<td>Perspective Talk-3: Nima Mesgarani</td>
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<td>Forenoon Tutorial</td>
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<td>Perspective Talk-4: Sriram Ganapathy</td>
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<td>14:30-15:00</td>
<td>Afternoon Tutorial</td>
<td>Technical Session-1 (33 Orals, 42 Posters and 5 Show-and-Tell)</td>
<td>Lunch Break</td>
<td>Technical Presentation: Amazon, JD &amp; Uniphore</td>
<td>Industry Presentation: Samsung, Baidu &amp; Nvidia</td>
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<tr>
<td>15:00-15:30</td>
<td>Refreshment Break</td>
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<td>Refreshment Break</td>
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<td>Refreshment Break</td>
<td>Perspective Talk-2: Bhuvana Ramabhadr</td>
<td>Technical Session-6 (36 Orals, 55 Posters and 5 Show-and-Tell)</td>
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<tr>
<td>16:30-17:00</td>
<td>Afternoon Tutorial</td>
<td>Technical Session-2 (32 Orals, 62 Posters and 5 Show-and-Tell)</td>
<td>Refreshment Break</td>
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<td>Technical Session-7 (31 Orals and 49 Posters)</td>
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<td>17:00-17:30</td>
<td>Cultural Programme</td>
<td>Refreshment Break</td>
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<td>Closing Ceremony</td>
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<td>18:30-19:00</td>
<td>Cultural Programme</td>
<td>Welcome Reception</td>
<td>Students' / Reviewers’ Reception</td>
<td>Cultural Programme + Banquet</td>
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- **8 Tutorials**
- **39 Oral Sessions**
- **9 Special Sessions**
- **37 Poster Sessions**
- **5 Show-and-Tell Sessions**
- **ISCA Medal Talk**
- **7 Invited Talks**
- **9 Industry Presentations**
# Technical Program at A Glance

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<table>
<thead>
<tr>
<th>Tutorial #</th>
<th>Title</th>
<th>Presenters / Affiliation</th>
<th># Registrants</th>
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<tbody>
<tr>
<td>T1</td>
<td>Deep Learning Based Speech Separation</td>
<td>DeLiang Wang</td>
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<td>Ohio State University</td>
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<td>T2</td>
<td>End-to-End Models for Automatic Speech Recognition</td>
<td>Rohit Prabhavalkar and Tara Sainath</td>
<td>160</td>
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<td>Google Inc., USA</td>
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</table>
| T3         | Spoofing Attacks in Automatic Speaker Verification: Analysis and Countermeasures | • Haizhou Li, National University of Singapore, Singapore  
• Hemant A. Patil, DAIICT, India  
• Nicholas Evans, EURECOM, France | 36           |
| T4         | Spoken Dialog Technology for Education Domain Applications            | Vikram Ramanarayanan, Keelan Evanini and David Suendermann-Oeft  
Educational Testing Service R&D, San Francisco, USA | 28           |
Hebrew University of Jerusalem | 153          |
| T6         | Articulatory Representations: Measurement, Estimation and Application to State-of-the-Art Automatic Speech Recognition | • Carol Espy-Wilson, University of Maryland, USA  
• Mark Tiede, Haskins Lab, USA  
• Vikramjit Mitra, Apple Inc., USA  
• Ganesh Sivaraman, Pindrop, Atlanta, USA | 73           |
| T7         | Vocal Music Processing for Music Information Retrieval (MIR)          | • Preeti Rao, Indian Institute of Technology Bombay, India  
• Hema Murthy, Indian Institute of Technology, India | 27           |
| T8         | Multi-Modal Speech and Audio Processing in Audio-Visual Human-Robot Interaction | • Petros Maragos, National Technical University of Athens, Greece  
• Athanasia Zlatintsi, Athena Research Center, Robot Perception and Interaction Unit, Greece | 56           |
**Technical Program at A Glance**

<table>
<thead>
<tr>
<th>I N T E R S P E E C H  2 0 1 8 - P R O G R A M  A T  A  G L A N C E</th>
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Timeline - Summary

3rd September
Interspeech 2018
Timeline - Summary

15th Feb
Submission Portal Opens

3rd September
Interspeech 2018
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16th March
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23rd March
Revision Deadline

3rd September
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- **15th Feb** Submission Portal Opens
- **16th March** Submission Deadline
- **23rd March** Revision Deadline
- **4th April** Review Assignment sent
- **26th April** Review Deadline
- **3rd September** Interspeech 2018
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- **3rd September**: Interspeech 2018
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- Technical Program Schedule preparation
- Conflict resolution
- Session Chair invitation
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1668 Submissions
4 Tech. Prog. Chairs
48 Area Chairs
1320 reviewers

5235 reviews
151 paper with 3 reviews
1139 paper with 4 reviews
44 paper with 5 reviews
1 paper with 6 reviews
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Technical Program Chairs

Hema Murthy

Preeti Rao

Paavo Alku

Prasanta Kumar Ghosh
Area Chairs

1 Speech Perception, Production and Acquisition

Martin Cooke
Professor (Basque Foundation for Science) at the University of the Basque

Olov Engwall
Professor KTH Royal Institute of Technology

Tan Lee
Associate Professor BSc, MPhil, PhD (CUHK)

Odette Scharenborg
Associate Professor at Delft University of Technology

T. V. Ananthapadmanabha
Founder and Chief innovator of Voice and Speech Systems
Area Chairs

2 Phonetics, Phonology, and Prosody

Julia Hirschberg
Percy K. and Vida L. W. Hudson Professor of Computer Science and Department Chair, Department of Computer Science, Columbia University

Jacques Koreman
Professor, Department of Language and Literature, NTNU

Priyankoo Sarmah
Indian Institute of Technology, Guwahati

Mariapaola D’Imperio
Professor of Phonetics, Phonology and Prosody at the Department of Linguistics, Aix Marseille University
Area Chairs

3 Analysis of Paralinguistics in Speech and Language

Chi-Chun Lee
Associate Professor of Electrical Engineering

Elizabeth Shriberg
Chief Science Officer, Ellipsis Health Inc.

Björn W. Schuller
Imperial College London & University of Augsburg

Denis Jouvet
Team Leader, Speech Group (MULTISPEECH), LORIA – INRIA Nancy – Grand-Est.
Area Chairs

4 Speaker and Language Identification

Haizhou Li
Professor at the Department of Electrical and Computer Engineering

Najim Dehak
Assistant Professor, Department of Electrical & Computer Engineering, Johns Hopkins University

Petr Motlicek
Research scientist at Idiap

Luciana Ferrer
Adjunct Researcher, National Council of Scientific and Technical Research (CONICET), Argentina

Ming Li
Associate Professor, Department of Electrical and Computer Engineering Duke Kunshan University
Area Chairs

5 Analysis of Speech and Audio Signals

Mark Allan Hasegawa-Johnson
Professor of Linguistics, Electrical & Computer Engineering, Beckman Institute

Koichi Shinoda
TITech· Department of Computer Science

K Sri Rama Murty
Associate Professor, Department of Electrical Engineering

P. Vijayalakshmi
Professor, Department of Electronics and Communications Engineering, SSN College of Engineering
Area Chairs

6 Speech Coding and Enhancement

Rajesh M Hegde
Professor in the Dept. of Electrical Engineering at IIT Kanpur

Sebastian Möller
Professor, Technische Universität Berlin

Tom Bäckström
Professori (Professor of Practice), Signaalikäsittelyn ja akustiikan laitos

Gernot Kubin
Professor, Graz University of Technology, Austria
Area Chairs

7 Speech Synthesis and Spoken Language Generation

Heiga Zen
Machine Intelligence
Speech Processing

K. Sreenivasa Rao
Ph.D. (IIT, Madras),
Associate Professor,
Information Technology

Raul Fernandez
Research Staff Member,
Human Language Technologies, IBM
Area Chairs

8 Speech Recognition: Signal Processing, Acoustic Modeling, Robustness, Adaptation

Jean-Luc Gauvain
Senior scientist at the CNRS, Head of the Spoken Language Processing Group at LIMSI-CNRS

Bhiksha Raj
LTI, Associate Professor

Thomas Hain
Prof. DSc.

Rohit Sinha
Professor & HoD, Department of Electronics and Electrical Engineering, IIT-Guwahati

Martin Karafiat
Technical Staff, Department of Computer Graphics and Multimedia, Brno University of Technology
Area Chairs

9 Speech Recognition - Architecture, Search, and Linguistic Components

Murat Saraclar
Assistant Professor, Department of Electrical and Electronic Engineering, Boğaziçi University

Preethi Jyothi
Indian Institute of Technology, Bombay

Michiel Bacchiani
Senior Staff Research Scientist, Google Inc., New York
Area Chairs

10 Speech Recognition - Technologies and Systems for New Applications

Sri Garimella
Machine Learning manager of Alexa Speech Recognition group at Amazon, Bangalore

Mathew Magimai Doss
Senior Researcher, Idiap Research Institute

Torbjørn Svendsen
Head of Research, IE Faculty Administration, Department of Electronic Systems
11 Spoken dialog systems and conversational analysis

Joakim Gustafson
Professor and HoD, Department of Speech, Music and Hearing, KTH, Sweden

Alexandros Potamianos
National Technical University of Athens

Isabel Trancoso
Professor at IST, University of Lisbon Chair of Scientific Council of INESC-ID

Helen Meng
Professor and Chairman of the Dept. of Systems Eng. and Eng. Mgmt., The Chinese University of Hong Kong
Area Chairs

12 Spoken Language Processing: Translation, Information Retrieval, Summarization, Resources and Evaluation

Tanja Schultz
Professor of Computer Science, Cognitive Systems Lab, University Bremen

Arne Jönsson
Professor, Natural Language Processing Laboratory, Linköping University

Bin Ma
Principal Engineer, Alibaba Inc.

Lori Lamel
Senior Research Scientist, French National Centre for Scientific Research
Area Chairs

13 Special Session

Panayiotis Georgiou
University of Southern California

Bhuvana Ramabhadran
Google Inc., USA

Shiva Sundaram
Amazon, USA

Brian Kingsbury
IBM Research, USA
Reviewer distribution

A total of 1320 reviewers
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Distribution of reviews

Country-wise reviews

total of 5235 reviews
Timeline - Summary

15th Feb Submission Portal Opens

16th March Submission Deadline

23rd March Revision Deadline

4th April Review Assignment sent

26th April Review Deadline

17th - 18th May TPC Meeting

3rd June Author Notification

3rd September Interspeech 2018

- Camera-ready pdfs
- Technical Program Schedule preparation
- Conflict resolution
- Session Chair invitation

1668 Submissions
4 Tech. Prog. Chairs
48 Area Chairs
1320 reviewers

5235 reviews
151 paper with 3 reviews
1139 paper with 4 reviews
44 paper with 5 reviews
1 paper with 6 reviews
Submission Statistics

Papers were submitted from a total of 63 countries

- total of 1668 papers submitted

- total of 333 papers withdrawn + editorial reject + plagiarism

- total of 1335 papers reviewed

Countries: IN, US, CN, JP, DE, GB, FR, TW, AU, KR, CA, CH, HK, ES, FI, SG, NL, IL, CZ, IE, RU, Others
Submission history

Total submission: 1668
submission deadline: 16 March, 2018
revision deadline: 23 March, 2018
Area and sub-area wise submissions

A total of 13 areas (including special session as a separate area) and 187 sub-areas
16 Sub-areas with NO papers

2.2 Language descriptions
2.3 Linguistic systems
2.15 Allophonic variation across languages
4.11 Multilingual speaker recognition
6.8 Active noise control
7.6 Segment-level and/or concatenative synthesis
9.5 Discriminative training methods for language modeling
9.14 Structured classification approaches
10.7 Sparse, template-based representations
11.6 Interactive systems for speech/language training, therapy, communication aids
11.12 Dialog system in a multilingual setting
12.2 Speech-to-speech translation systems
12.3 Transliteration
12.12 Metadata for semantic or content markup
12.17 Evaluation and quality insurance of language resources
12.18 Evaluation of translation and information retrieval systems
Area and sub-area wise submissions

15 Sub-areas with ONE paper

2.9 Phonetic universals
2.11 Sociophonetics
3.7 Paralinguistics in singing
3.10 Phonetic and linguistic aspects of paralinguistics
6.3 Perceptual audio coding of speech signals
6.10 Adaptive beamforming for speech enhancement
7.14 Cross-lingual and multilingual aspects in speech synthesis, code switching
8.11 Acoustic confidence measures
9.3 Supervised/unsupervised morphological models
9.4 Prosodic features and models for language modeling
11.7 Stochastic modeling for dialog
11.9 Spoken interaction with social robots
12.6 Audio indexing
12.7 Spoken document retrieval
12.11 Metadata descriptions of speech, audio and text resources
16 Sub-areas with TWO papers

1.3 Coarticulation
1.15 Singing voice: production and perception
4.6 Speaker confidence estimation
6.14 Other topics in Speech Coding and Enhancement
7.11 Synthesis of singing voices
7.13 Concept-to-speech conversion
9.2 Automatic lexicon learning
9.12 Confidence measures
9.13 Cross-lingual and multilingual components for speech recognition, code switching
11.11 Evaluation of speech and multimodal dialog systems
12.10 Evaluation of speech recognition
12.13 Metadata for ling./discourse structure (disfluencies, boundaries, speech acts)
12.16 Multilingual resources
12.19 Spoken document summarization
12.21 Entity extraction from speech
12.22 Evaluation of summarization and understanding
Area and sub-area wise submissions

15 Sub-areas with at least 20 papers

1.1 Models of speech production 20
1.13 Speech and voice disorders 38
2.1 Phonetics and phonology 25
3.1 Analysis of speaker states 24
3.3 Automatic analysis of speaker states and traits 38
4.3 Speaker verification and identification 85
5.2 Speech analysis and representation 41
5.4 Speech and audio segmentation and classification 49
5.7 Source separation and computational auditory scene analysis 33
6.5 Speech enhancement: single-channel 35
7.12 Voice modification, conversion and morphing 30
8.3 Robustness against noise, reverberation 28
8.6 New types of neural network models and learning (e.g., network topologies, objective functions, etc.) 64
13.2 The INTERSPEECH 2018 Computational Paralinguistics Challenge (ComParE): Atypical & Self-Assessed Affect, Crying & Heart Beats 50
13.8 Integrating Speech Science and Technology for Clinical Applications 30
Number of revision submission

Histogram of number of revision submission

- Minimum number of revisions: 1
- Median number of revisions: 3
- Mean number of revisions: 4.7495
- Maximum revisions: 59
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How timely were the reviews?

Total reviews: 5235
Review deadline: 26 April, 2018
**Review Form**

This review form does not have auto-save feature. There is also no option to save this form when partially filled. It is best to submit your review of the following paper in a single sitting.

| Submission #2003: Far-Field Speech Recognition Using Multivariate Autoregressive Models |
| Authors: Sriram Ganapathy and Madhumita Harish |
| Topic 1: 8.4 Far field and microphone array speech recognition |
| Preferred Presentation Format (in case of acceptance): Oral Presentation |

**Reviewer:** Prasanta Ghosh  
**Secondary Reviewer:**

**Summary Ranking**

Please evaluate the submission according to the criteria below.

<table>
<thead>
<tr>
<th>Evaluation Category</th>
<th>Enter Your Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reviewer's confidence (1-3)</strong></td>
<td></td>
</tr>
</tbody>
</table>

1: Less Confident - I have some knowledge of the area  
2: Confident - I have good knowledge of the area  
3: Very Confident - I consider myself an expert in the area  

*By Choosing reviewer's confidence, a reviewer confirms his/her competence in the evaluation of this paper. If you have serious doubts about your ability to assess the paper, please inform the TPC Chairs.*
## Review form

<table>
<thead>
<tr>
<th>Importance/relevance for Interspeech (1-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Irrelevant or out of scope</td>
</tr>
<tr>
<td>2: Relevant - broad impact or impact in certain area</td>
</tr>
</tbody>
</table>

**Explanation for your choice for Importance/relevance for Interspeech**

Provide explanation in support of your choice.

<table>
<thead>
<tr>
<th>Evaluation Category</th>
<th>Enter Your Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Novelty/Originality (1-6)</td>
<td>-- select -- ▾</td>
</tr>
<tr>
<td>1: Has been done before</td>
<td></td>
</tr>
<tr>
<td>6: Very Original</td>
<td></td>
</tr>
</tbody>
</table>

**Explanation for your choice for Novelty/Originality**

Provide explanation in support of your choice.
# Review form

<table>
<thead>
<tr>
<th>Technical correctness (1-6)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Technically incorrect</td>
<td></td>
</tr>
<tr>
<td>2: Not technically correct</td>
<td></td>
</tr>
<tr>
<td>3: Not technically correct</td>
<td></td>
</tr>
<tr>
<td>4: Partially technically correct</td>
<td></td>
</tr>
<tr>
<td>5: Technically correct</td>
<td></td>
</tr>
<tr>
<td>6: Technically correct</td>
<td></td>
</tr>
</tbody>
</table>

**Explanation for your choice for Technical Correctness**

Provide explanation in support of your choice.

<table>
<thead>
<tr>
<th>Clarity of Presentation (1-6)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Difficult to follow</td>
<td></td>
</tr>
<tr>
<td>2: Not well written</td>
<td></td>
</tr>
<tr>
<td>3: Not well written</td>
<td></td>
</tr>
<tr>
<td>4: Average</td>
<td></td>
</tr>
<tr>
<td>5: Well written</td>
<td></td>
</tr>
<tr>
<td>6: Very well written</td>
<td></td>
</tr>
</tbody>
</table>

**Explanation for your choice for Clarity of Presentation**

Provide explanation in support of your choice.

<table>
<thead>
<tr>
<th>References adequate? (1-2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1: References are adequate</td>
<td>1</td>
</tr>
<tr>
<td>2: References are not adequate (please provide your inputs below)</td>
<td>2</td>
</tr>
</tbody>
</table>

**Explanation for your choice for adequacy of references**

Suggestions for additional references.
Review form

Paper Category (1-3)

This information is purely descriptive and does not impact quality of assessment

1. Pure Research: A novel research idea that focuses on speech science, and is of academic interest to the speech community. In its present form, it does not necessarily have an obvious impact on existing systems or products.
2. Pure Development: An existing system that is improved, primarily in terms of technology leading to a better product. For example, this could be a reworked system architecture which leads to fast convergence of algorithms, or uses more resources but yields better performance.
3. Research and Development: A novel research idea with some demonstrative examples that can impact product development. An idea, arising from speech science, that is exploited in the development of a prototypical system, and the results are encouraging.

Explanation for your choice for Paper Category

Provide explanation in support of your choice

Overall recommendation (1-6)

1. Definite Reject: I feel strongly that this paper should be rejected
2. Reject: I think this paper should be rejected
3. Weak Reject: I am leaning to reject this paper
4. Weak Accept: I am leaning to accept this paper
5. Accept: I think this paper should be accepted
6. Definite Accept: I feel strongly that this paper must be accepted

Explanation for your choice for overall recommendation

Provide explanation for your recommendation

Nominate for Best Paper Award (Yes - No)

Please give arguments in favor of or against award below.

Enter Your Score

-- select --
Review form

Explanation for nomination for Best Paper Award

Please provide argument in favor of the award

Detailed Comments

Please supply detailed comments to back up your rankings. These comments will be forwarded to the authors of the paper. The comments will help the committee decide the outcome of the paper, and will help justify this decision for the authors. If the paper is accepted, the comments should guide the authors in making revisions for a final manuscript. Hence, the more detailed you make your comments, the more useful your review will be - both for the committee and for the authors.

Summary of the paper:
Key Strength of the paper:
Main Weakness of the paper:
Detailed Review:

Confidential Comments for Committee

You may wish to withhold some comments from the authors, and include them solely for the committee’s internal use. For example, you may want to express a very strong (negative) opinion on the paper, which might offend the authors in some way. Or, perhaps you wish to write something which would expose your identity to the authors. If you wish to share comments of this nature with the committee, this is the place to put them.
Let's look at different review score statistics...
Reviewer’s Confidence Statistics

1: Less Confident - I have some knowledge of the area
2: Confident - I have good knowledge of the area
3: Very Confident - I consider myself an expert in the area

(total reviews in title)

Comment: Most of the reviewers think that they have good knowledge of the area or expert in the area.
Importance/relevance for Interspeech

1: Irrelevant or out of scope
2: Relevant - broad impact or impact in certain area

(number of review in title)
Novelty/Originality

1: Has been done before
6: Very Original

Comment: The asymmetry in the histogram says that the degree of novelty is above average for most of the papers submitted to Interspeech 2018.

There was a textbox right below the score to give an explanation against the score. Out of 5234 reviews, 2074 (39.62%) reviews did not have any entry in this textbox.
Technical correctness

Comment: The asymmetry in the histogram says that the technical correctness is above average for most of the papers submitted to Interspeech 2018.

There was a textbox right below the score to give an explanation against the score. Out of 5235 reviews, 2507 (47.89%) reviews did not have any entry in this textbox.
The asymmetry in the histogram says that the papers submitted to Interspeech 2018 are mostly clear in their presentation.

**Comment:** The asymmetry in the histogram says that the papers submitted to Interspeech 2018 are mostly clear in their presentation.

There was a textbox right below the score to give an explanation against the score. Out of 5235 reviews, 2340 (44.70%) reviews did not have any entry in this textbox.
1: **Pure Research**: A novel research idea that focuses on speech science, and is of academic interest to the speech community. In its present form, it does not necessarily have an obvious impact on existing systems or products.

2: **Pure Development**: An existing system that is improved, primarily in terms of technology leading to a better product. For example, this could be a reworked system architecture which leads to fast convergence of algorithms, or uses more resources but yields better performance.

3: **Research and Development**: A novel research idea with some demonstrative examples that can impact product development. An idea, arising from speech science, that is exploited in the development of a prototypical system, and the results are encouraging.
Comment: The category of work varies depending on the area. But overall there is a balance.

There was a textbox right below the score to give an explanation against the score. Out of 5234 reviews, 3094(59.11%) reviews did not have any entry in this textbox.
Overall Recommendation

1: Definite Reject: I feel strongly that this paper should be rejected

2: Reject: I think this paper should be rejected

3: Weak Reject: I am leaning to reject this paper

4: Weak Accept: I am leaning to accept this paper

5: Accept: I think this paper should be accepted

6: Definite Accept: I feel strongly that this paper must be accepted

Comment: Majority of the reviews provide overall recommendation score $\geq 4$. 
Among 5235 reviews, 139 reviews had nominated for best paper award.

Among these 139 recommendations, there are only six papers which received two recommendations, remaining 127 papers got only one recommendation.

There was no paper which got recommendatations from all reviewers!
Final Score

1+
0.05 * (Importance_relevance_for_Interspeech -1)*5 +
0.10 * (Novelty_Originality -1) +
0.10 * (Technical_correctness -1) +
0.05 * (Clarity_of_Presentation -1) +
0.05 * (2 - References_adequate_)*5 +
0.65 * (Overall_recommendation -1)
How verbose were the reviews?

Histogram of words in a review

Minimum words: 19
Median words: 238
Mean words: 294.2977
Maximum words: 4972
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TPC Meeting

17th - 18th May, 2018
TPC Meeting

Intense and thorough!
TPC Meeting

Critical discussions!
TPC Meeting
## Quick Summary

<table>
<thead>
<tr>
<th>Item</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submitted</td>
<td>1668</td>
</tr>
<tr>
<td>Withdrawn</td>
<td>289</td>
</tr>
<tr>
<td>In review</td>
<td>1379</td>
</tr>
<tr>
<td>Number of reviewers</td>
<td>1320</td>
</tr>
<tr>
<td>Papers with 3 reviews</td>
<td>151</td>
</tr>
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<td>44</td>
</tr>
<tr>
<td>Papers with 6 reviews</td>
<td>1</td>
</tr>
<tr>
<td>Total accepted</td>
<td>749</td>
</tr>
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<td>Acceptance rate</td>
<td>54.31%</td>
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Automating the Decision on a Paper
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Automatic prediction of decision on a paper – accept/reject classification

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<th>Classifier</th>
<th>10-fold CV Average classification accuracy (%)</th>
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</table>

When IS2017 review scores were used for training, the highest classification accuracy on IS2018 of **88.66%** was obtained using SVM(linear).
Show and Tell

Chairs: Hema Murthy, Ananth Sankar, Kalika Bali

A total of 50 papers were submitted. Each paper was reviewed by two reviewers and decision is taken by Show&Tell chairs.

34 accepted
16 rejected
Thanks!

**Area Chairs** – recommending reviewers, co-ordinating reviews and making decision on every paper

**Reviewers** – excellent timely review

**ISCA** (Lori Lamel, in particular) – support throughout

**PCO** – arrangements for TPC meeting

**Authors**...
Attention!!

Presenters in the Oral Session

Please upload your presentation file(s) in the speaker check-in Room (MR 1.07) at least an hour before your session starts