Opening Remarks

Presented by Ahmed Tewfik
President, IEEE Signal Processing Society

2020 IEEE International Conferences on Image Processing
Welcome to ICIP 2020!

A flagship conference of the
IEEE Signal Processing Society
Congratulations and thank you to the ICIP 2020 organizing committee for their excellent work and service!
Thank you

ICIP 2019 Organizing Committee
Taipei, Taiwan

Fernando Pereira
Vice President-Conferences

Sergios Theodoridis
Vice President-Publications
2020 ICASSP: Physical to virtual in 6 weeks

2020 Attendee Stats

- 74% (almost 12,000 people) are first time ICASSP Attendees
- 80% (almost 13,000 people) are not authors of an accepted paper
- 49% (almost 8,000 people) are Young Professionals (working for <10 years)
- 59% Academia
- 19% Industry Researchers
- 14% Industry Engineering/Applications, still over 2,000 people

Top 10 Countries

<table>
<thead>
<tr>
<th>Country</th>
<th>2017 # Reg</th>
<th>2018 # Reg</th>
<th>2019 # Reg</th>
<th>2020 # Reg</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>3322</td>
<td>3044</td>
<td>3060</td>
<td>2269</td>
</tr>
<tr>
<td>China</td>
<td>1591</td>
<td>1710</td>
<td>1834</td>
<td>1341</td>
</tr>
<tr>
<td>India</td>
<td>1355</td>
<td>1487</td>
<td>1482</td>
<td>1497</td>
</tr>
<tr>
<td>Japan</td>
<td>853</td>
<td>885</td>
<td>866</td>
<td>911</td>
</tr>
<tr>
<td>Germany</td>
<td>847</td>
<td>951</td>
<td>935</td>
<td>886</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>798</td>
<td>822</td>
<td>898</td>
<td>888</td>
</tr>
<tr>
<td>France</td>
<td>621</td>
<td>666</td>
<td>718</td>
<td>727</td>
</tr>
<tr>
<td>Brazil</td>
<td>526</td>
<td>520</td>
<td>558</td>
<td>582</td>
</tr>
<tr>
<td>Spain</td>
<td>454</td>
<td>460</td>
<td>450</td>
<td>460</td>
</tr>
<tr>
<td>Canada</td>
<td>417</td>
<td>420</td>
<td>410</td>
<td>425</td>
</tr>
</tbody>
</table>

Students

Non Students

# of Papers Submitted

# of Papers Accepted

Paper Acceptance Rate

<table>
<thead>
<tr>
<th>Year</th>
<th>Acceptance Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>48%</td>
</tr>
<tr>
<td>2018</td>
<td>48%</td>
</tr>
<tr>
<td>2019</td>
<td>50%</td>
</tr>
<tr>
<td>2020</td>
<td>48%</td>
</tr>
</tbody>
</table>

# Attendees/# Accepted Papers

<table>
<thead>
<tr>
<th>Year</th>
<th>Attendees/Accepted Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>1.8</td>
</tr>
<tr>
<td>2018</td>
<td>1.9</td>
</tr>
<tr>
<td>2019</td>
<td>1.7</td>
</tr>
<tr>
<td>2020</td>
<td>8.7</td>
</tr>
</tbody>
</table>

2020 Attendee Stats

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Total Attendee Stats

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Lessons Learned and Thoughts for the Future

• Strong demand for virtual conferences: from regulars (~3,000+) and first time attendees (12,000)
• Conference became a de facto “limited open access” conference
• Video content a requirement in the future: conferences and regular publications?
• Journal publications vs virtual conference publication
• The Hybrid future:
  • Discounts for authors attending in person?
  • Discounts for non-authors attending virtually? (if not open access)
  • Effective networking and exchanges?
ICIP 2020 Open Preview

- Conference papers published in IEEE Xplore® and have been open for both subscribers and non-subscribers since the first week of October.

- All accepted authors have received customized webpages from ICIP to promote their papers with their networks.

- ICIP 2020 papers will remain available on IEEE Xplore,® the Virtual Conference Platform and the SPS App.
After the Conference…

- Conference content available in the virtual environment to registrants until mid-November

- Later this year, conference content available on the IEEE Signal Processing Society Resource Center

- SPS Resource Center content free to Society members – on-demand access for conference tutorials, webinars, and more!

http://rc.signalprocessingsociety.org
Beginning this year, SPS will offer discounted pricing for those members who reside in **developing nations** and **low income economies**

- Visit the IEEE website for [*list of eligible countries*](#)
- Discounted Society pricing available only to IEEE electronic members
- Applies only to Society **essential package**. Student Members not eligible

*SPS Student Membership is US$1!*
It’s YOUR Society: IEEE SPS Town Hall

Join us for the IEEE Signal Processing Society Town Hall!

A discussion about what SPS is doing to serve the greater signal processing community

Wednesday, 28 October 2020

19:30-20:30 GST

Join us LIVE on the Virtual Conference Platform

Submit your questions:

sps-questions@ieee.org

(questions must be sent by 01:00 GST on Monday, 26 October to be considered for the Town Hall presentation)
Stay Connected

Follow SPS on social media for more Society events, resources, and more!

@ieeeSPS on all platforms
Thank you, and enjoy your time at our virtual ICIP 2020!
IEEE SPS Town Hall

Ahmed Tewfik, President
IEEE Signal Processing Society

IEEE International Conference on Image Processing
Welcome to ICIP 2020!

IEEE International Conference on Image Processing
25-28 October 2020, United Arab Emirates
FULLY VIRTUAL

A flagship conference of the
IEEE Signal Processing Society
Congratulations and thank you to the ICIP 2020 organizing committee for their excellent work and service!
Agenda

- About IEEE Signal Processing Society
- Rethinking the Future
- Society updates
  - Conferences
  - Membership
  - Diversity initiatives
  - IEEE Open Journal of Signal Processing
- Staying Connected
- Q&A
About the IEEE Signal Processing Society
Executive Committee

Ahmed Tewfik
President

Athina Petropulu
President-Elect

Tulay Adali
Vice President-Technical Directions

Fernando Pereira
Vice President-Conferences

Shrikanth (Shri) S. Narayanan
Vice President-Education

K.V.S. Hari
Vice President-Membership

Rich Baseil
Executive Director (non-voting)

Sergios Theodoridis
Vice President-Publications
Thank you!

Fernando Pereira
Vice President-Conferences

Sergios Theodoridis
Vice President-Conferences

Ana Isabel Pérez-Neira
Vice President-Conferences

Marc Moonen
Vice President-Publications

Welcoming in 2021...
Society Staff

Rich Baseil
Executive Director

William Colacchio
Senior Manager, Publications and Education
- Rupal Bhatt, Web Administrator
- Michelle Demydenko, Peer Review/Educ Prog Admin
- Kathy Jackson, Publications Coordinator
- Mikaela Langdon, Peer Review/Educ Prog Admin
- Rebecca Wollman, Publications Administrator

Theresa Argiropoulos
Senior Manager, Operations
- Deborah Blazek, Admin, Committees & Governance
- George Olekson, Admin. Asst., Operations
- Jessica Perry, Member Comm. & Experience Specialist
- Jaqueline Rash, Membership Assistant

Caroline Johnson
Senior Manager, Conference Strategy and Services
- Nicole Allen Conference Administrator
- Samantha Walter Conference Administrator
Rethinking the Future

Must consider
- Reimagined conference models
- Member engagement and services in a virtual world
- New publication paradigms
- Revitalized business model
- Innovation ecosystem
- Doing our part in grander societal challenges
- Accessible educational activities and opportunities

Need your input and participation!
SPS Member Participation at Flagship Conferences

Membership numbers include all SPS member grades (Student to Life Member)

**PERCENT OF SPS MEMBERS REGISTERED**

<table>
<thead>
<tr>
<th></th>
<th>2020 ICASSP</th>
<th>2020 ICIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered for</td>
<td>17%</td>
<td>9%</td>
</tr>
<tr>
<td>ICASSP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Registered</td>
<td>83%</td>
<td>91%</td>
</tr>
<tr>
<td>ICASSP</td>
<td></td>
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</tr>
<tr>
<td>Registered for</td>
<td>18%</td>
<td>19%</td>
</tr>
<tr>
<td>ICIP</td>
<td></td>
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</tr>
<tr>
<td>Not Registered</td>
<td>82%</td>
<td>81%</td>
</tr>
<tr>
<td>ICIP</td>
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<td></td>
</tr>
<tr>
<td>Non-Member</td>
<td>63%</td>
<td>63%</td>
</tr>
<tr>
<td>Student</td>
<td>48%</td>
<td>47%</td>
</tr>
<tr>
<td>Non-Student</td>
<td>52%</td>
<td>53%</td>
</tr>
</tbody>
</table>

Data reported as of 9-Oct-20
Reimagining Conference Models

Thanks to you – each member of our community – for staying positive and engaged during this challenging year and major disruption to the travel and events industry!

Our Future
Commitment to provide a range of remote learning and collaboration tools
Continue to be a presence and a forum for online communities to meet
Focus on offering support for more people to attend in-person events to network and get together
Continue to offer low-cost virtual participation in conferences and events.

2020
Wider audience of interested and engaged data scientists than ever before
SPS online communities have become critical to bring people together to learn and discuss a wide range of information
There’s no current replacement for the experience of physically being at a conference!
Beginning this year, SPS will offer discounted pricing for those members who reside in developing nations and low income economies. Visit the IEEE website for list of eligible countries. Discounted Society pricing available only to IEEE electronic members. Applies only to Society essential package. Student Members not eligible.

**SPS Student Membership is US$1!**
2020 Diversity Initiatives

Society leadership is working to increase **access** and **awareness** of signal processing and its potential to underrepresented audiences.
IEEE Open Journal of Signal Processing

- Now accepting submissions!
- Gold, fully open access journal
- Compliant with funder mandates, including Plan S
- All articles published under Creative Commons Attribution License (CC-BY), enabling authors to retain copyright
- **Society waiving Article Processing Charges (APCs) for all accepted papers submitted by December 2020!**

Learn more: [http://signalprocessingsociety.org/ojsp](http://signalprocessingsociety.org/ojsp)
Staying Connected
The SPS Events App is the new resource for all SPS events and activities!

Download to access:
- ✔ Society and membership information
- ✔ Continuing education access
- ✔ Up-to-date conference schedules
- ✔ Conference papers through Open Preview
- ✔ More to come!

Go to your mobile app store and search for “IEEE SPS” to download it today!
Staying Connected

- **Join a Technical Committee**
  - IEEE and SPS membership not required to becoming a Technical Committee Affiliate!
  - [https://signalprocessingsociety.org/get-involved/join-technical-committee](https://signalprocessingsociety.org/get-involved/join-technical-committee)

- **Find your local SPS Chapter**
  - More than 220+ Chapters and Student Branch Chapters worldwide
  - [https://signalprocessingsociety.org/sps-chapters](https://signalprocessingsociety.org/sps-chapters)
Stay Connected

Follow SPS on social media for more Society events, resources, and more!

@ieeeSPS on all platforms
Questions were submitted in advance of this presentation. If you have a question you’d like address in the future, email
tewfik@austin.utexas.edu
sps-questions@ieee.org
Want to learn more?

Contact the SPS staff team:

sp-info@ieee.org

http://signalprocessingsociety.org
You can find this presentation on the Society’s website.

Thank you!