Opening Remarks

Presented by Ahmed Tewfik
President, IEEE Signal Processing Society

2020 IEEE International Conferences 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

General Chairs
Mohammed Al-Mualla
Moncef Gabbouj

Technical Program Chairs
Ghassan AlRegib
A. Murat Tekalp

Plenary Chairs
Magdy Bayoumi
Aggelos Katsaggelos

Special Sessions Chairs
Karen Egiazarian
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Challenge Sessions Chairs
Hasan Al-Marzouqi
Mohamed Deriche

Industry Liaison Chairs
Hassan Al-Muhairi
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Awards Chairs
Sheila Hemami
Gaurav Sharma

Publications Chairs
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Fatma Taher
Islem Rekik

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Hesham Salem

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Hussain Al-Ahmad
Khaled Assaleh

Local Arrangements & Exhibits Chairs
Mahmoud Alqutayri
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Tamer Rabie
Andrzej Sluzek

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Husameldin Mukhtar
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Aleksandra Pizurica
Mark Pickering
Feng Wu

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Amel Benazza
Mariette Awad
Mohamed Fakhr

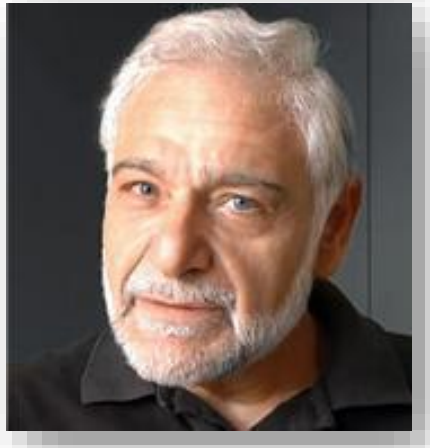
IEEE SPS Liaison
Onur Guleryuz

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

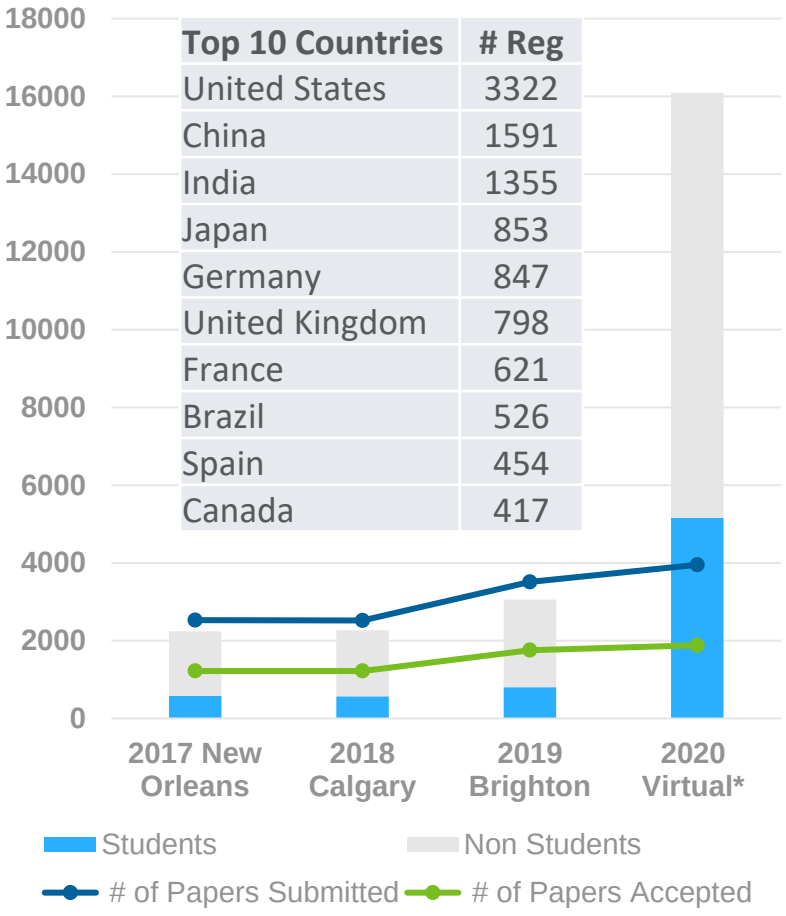


Sergios Theodoridis
Vice President-Publications

IEEE Signal Processing Society

2020 ICASSP: Physical to virtual in 6 weeks

Top 10 Countries	# Reg
United States	3322
China	1591
India	1355
Japan	853
Germany	847
United Kingdom	798
France	621
Brazil	526
Spain	454
Canada	417



	2017	2018	2019	2020
Paper Acceptance Rate	48%	48%	50%	48%
# Attendees/# Accepted Papers	1.8	1.9	1.7	8.7

	2017 New Orleans	2018 Calgary	2019 Brighton	2020 Virtual
SPS Members	1070	1040	1422	2425
IEEE Members	218	208	193	1431
Non-Members	223	287	437	6991
IEEE Life Members	22	21	24	87
SPS Student Members	401	406	592	846
IEEE Student Members	80	53	65	711
Student Non-Members	95	108	145	3600
Other Paid Attendees	130	131	132	0
Total	2239	2269	3060	16091
Students	576	567	802	5157
Non Students	1663	1702	2258	10934
% Students	26%	25%	26%	32%
SPS Members (incl Students)				
- Subtotal	1471	1446	2014	3271
- Percent of Total Attendees	66%	64%	66%	20%
IEEE Members (incl Students)				
- Subtotal	320	282	282	2229
- Percent of Total Attendees	14%	12%	9%	14%
Non-Members (incl Students)				
- Subtotal	318	395	582	10591
- Percent of Total Attendees	14%	17%	19%	66%

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

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

New in 2021

More accessible pricing for our growing membership

Essential Membership	Preferred Membership	Developing Nations	Low Income Economies
US$22 /year	US$39 /year	US$11 /year	US$4 /year

- 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

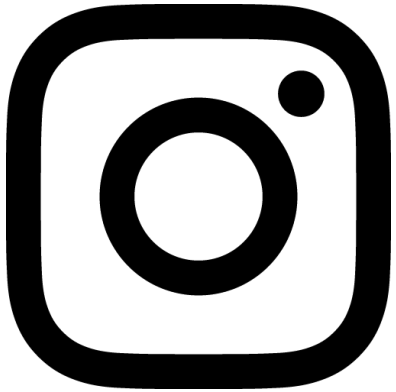
Submit your questions:

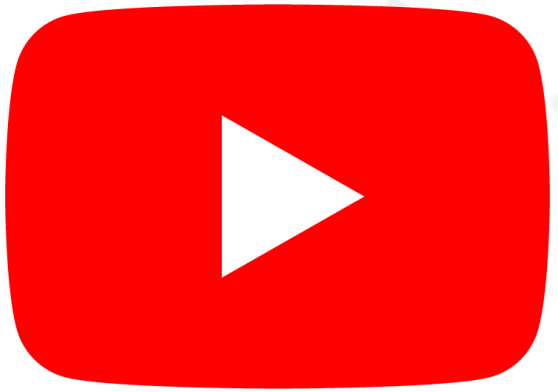
sps-questions@ieee.org

(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

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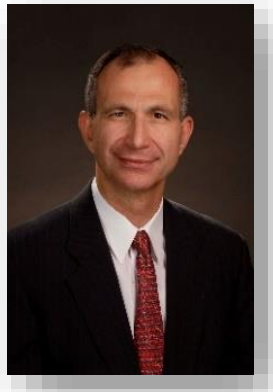
Agenda

- 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

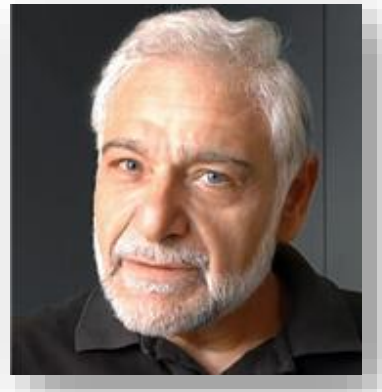
Tulay Adali
Vice President-Technical Directions

Fernando Pereira
Vice President-Conferences

Shrikanth (Shri) S. Narayanan
Vice President-Education

K.V.S. Hari
Vice President-Membership

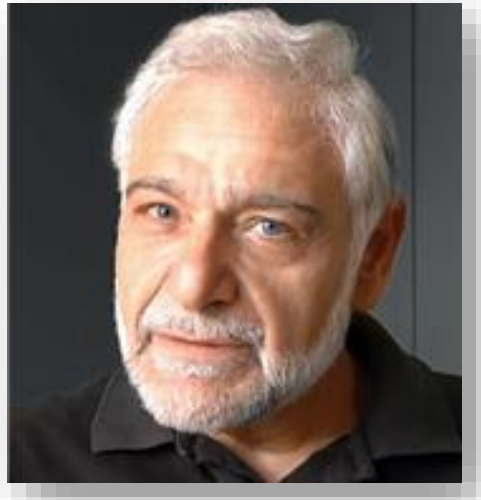
Rich Baseil
Executive Director (non-voting)



Sergios Theodoridis
Vice President-Publications

Thank you!

Fernando Pereira
Vice President-Conferences



Sergios Theodoridis
Vice President-Publications

Welcoming in 2021…

Ana Isabel Pérez-Neira
Vice President-Conferences

Marc Moonen
Vice President-Publications

Society Staff

Rich Baseil
Executive Director

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*

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*

Caroline Johnson
Senior Manager,
Conference Strategy and Services

- **Nicole Allen** *Conference Administrator*
- **Samantha Walter** *Conference Administrator*

Rethinking the Future

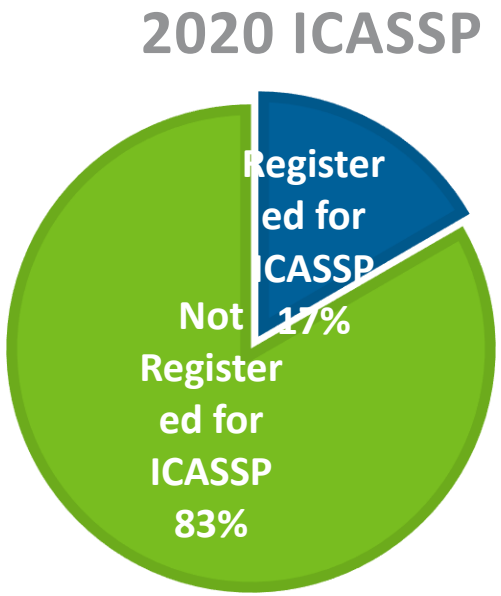
- **Must consider**
  - Reimagined conference models
  - Member engagement and services in a virtual world
  - New publication paradigms
  - Revitalized business model
  - Innovation ecosystem
  - Doing our part in grander societal challenges
  - Accessible educational activities and opportunities

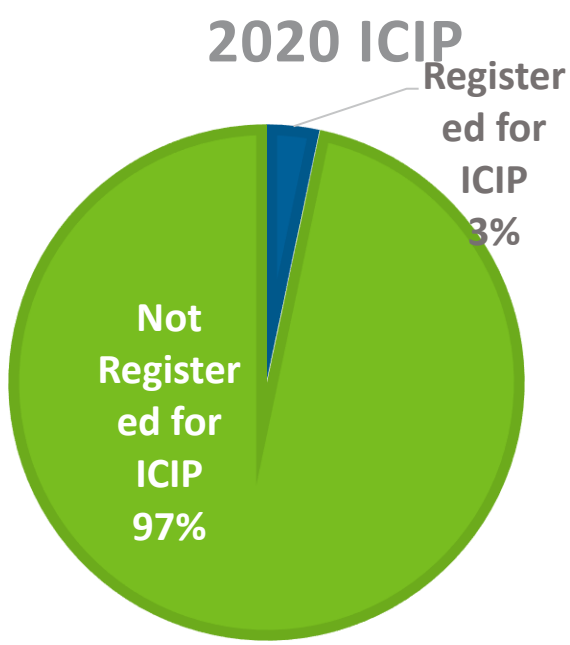
Need your input and participation!

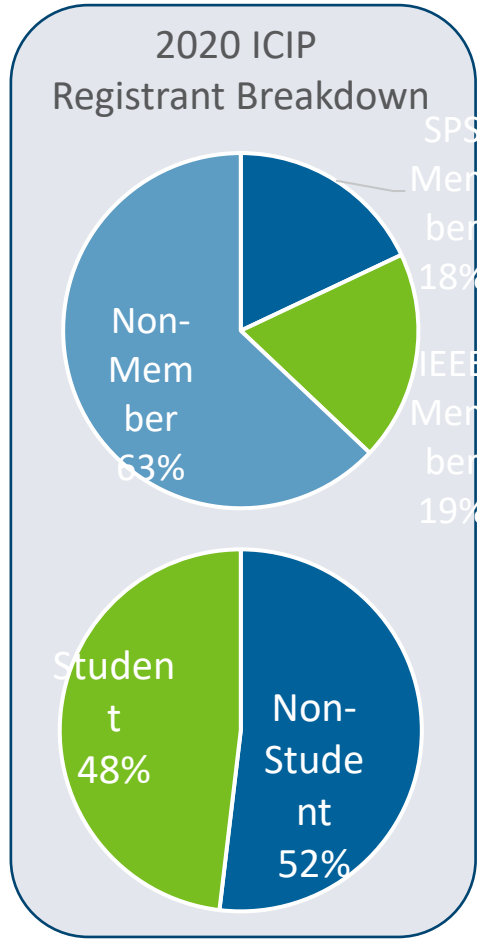
SPS Member Participation at Flagship Conferences

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

PERCENT OF SPS MEMBERS REGISTERED







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!

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!

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.

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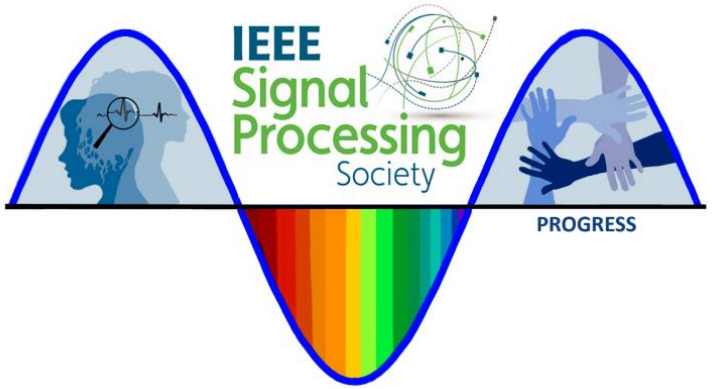
2020 Diversity Initiatives

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

Staying Connected

The SPS Events App is the new resource for all SPS events and activities!

Download to access:

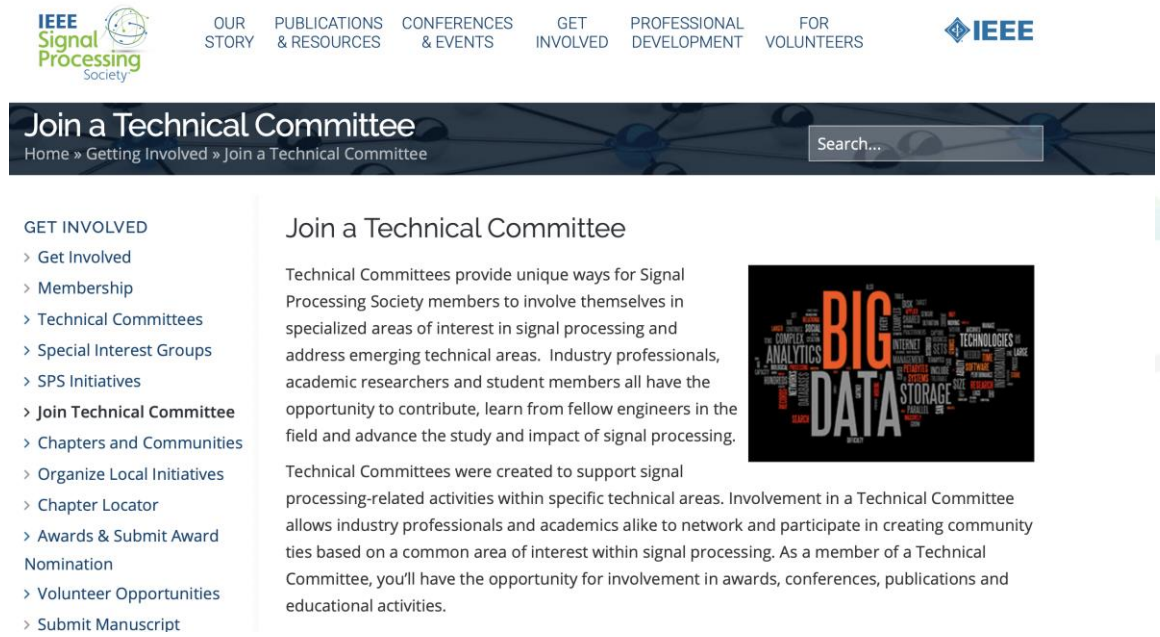
- ✔ Society and membership information
- ✔ Continuing education access
- ✔ Up-to-date conference schedules
- ✔ Conference papers through Open Preview
- ✔ More to come!

IEEE SPS Events

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



IEEE Signal Processing Society

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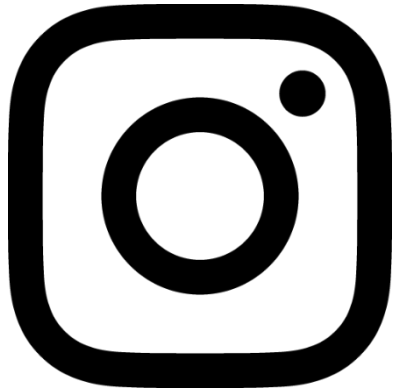

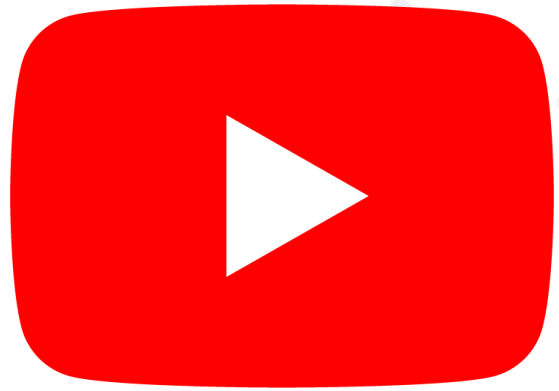

@ieeeSPS on all platforms

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!