

# Collabratec Test Drive

**AESS Board of Governors Meeting**

**April 22-23, 2016**

**Orlando, FL**



**Garrett Hall Undergrad Student Representative**

**Ryan Paterson Graduate Student Representative**

**Scott Sprindis Young Professionals Representative**



# Our Mission

- Experiment with utility of Collabratec
- Explore ways AESS could utilize Collabratec


# Collabratec Objectives

- Connect with global technology professionals by location, interests and soon career pursuits.
- Access robust networking, collaboration, and authoring tools dedicated to technology professionals.
- Establish a professional identity to showcase key accomplishments.
- Upload your CV/resume to help find your next career opportunity.

# Analysis of Objectives - Interests

- Connecting with Interests
  - Signal Processing Example



# Analysis of Objectives - Interests

 Events - 229

**12 Sep 2017**

**2017 Signal Processing Symposium (SPSympo)**



Various applications of signal processing with main interest in medical applications and radar systems.

Conference    Serock, Poland    [Event Website](#)

**26 Jun 2016**

**2016 IEEE Statistical Signal Processing Workshop (SSP)**



The SSP workshop aims at bringing together researchers from the academia and the industry working on the theory and applications of statisti ... [More](#)

 Palma de Mallorca, Spain    [Event Website](#)

**09 Jun 2016**

**2016 Conference on Advances in Signal Processing (CASP)**



Signal Processing Image Processing Computer Vision Biomedical Signal Processing Speech Signal Processing VLSI & Embedded Signal Process ... [More](#)

 Pune, India    [Event Website](#)

**22 Sep 2016**

**2016 Sensor Signal Processing for Defence (SSPD)**

This event will the 6th conference of the Sensor Signal Processing for Defence series and provides a chance to present the latest scientific ... [More](#)

 Edinburgh, United Kingdom    [Event Website](#)

[View All Events Search Results](#)

# Analysis of Objectives - Interests

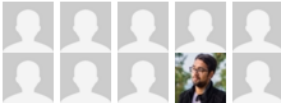
## Community - 3



### Life Sciences

The Life Sciences community is a virtual community of engineers, computer scientists, life scientists, medical practitioners, researchers, a...

[Learn More](#)



2158 participants

[More](#)



### Bio

The Bio community is a virtual community of biomedical engineers, electrical engineers, mechanical engineers, computer scientists, life sci...

[Learn More](#)



1895 participants

[More](#)



### Big Data

The IEEE Big Data Community provides the opportunity to find out more information on what IEEE is doing in the area of big data, and to part...

[Learn More](#)



1286 participants

[More](#)

[View All Community Search Results](#)

# Analysis of Objectives – Global Connection

- Geographic location
  - Large number in group. Little activity



Austin, USA

1277 participants



IEEE Young Professionals

5393 participants



Melbourne, Australia

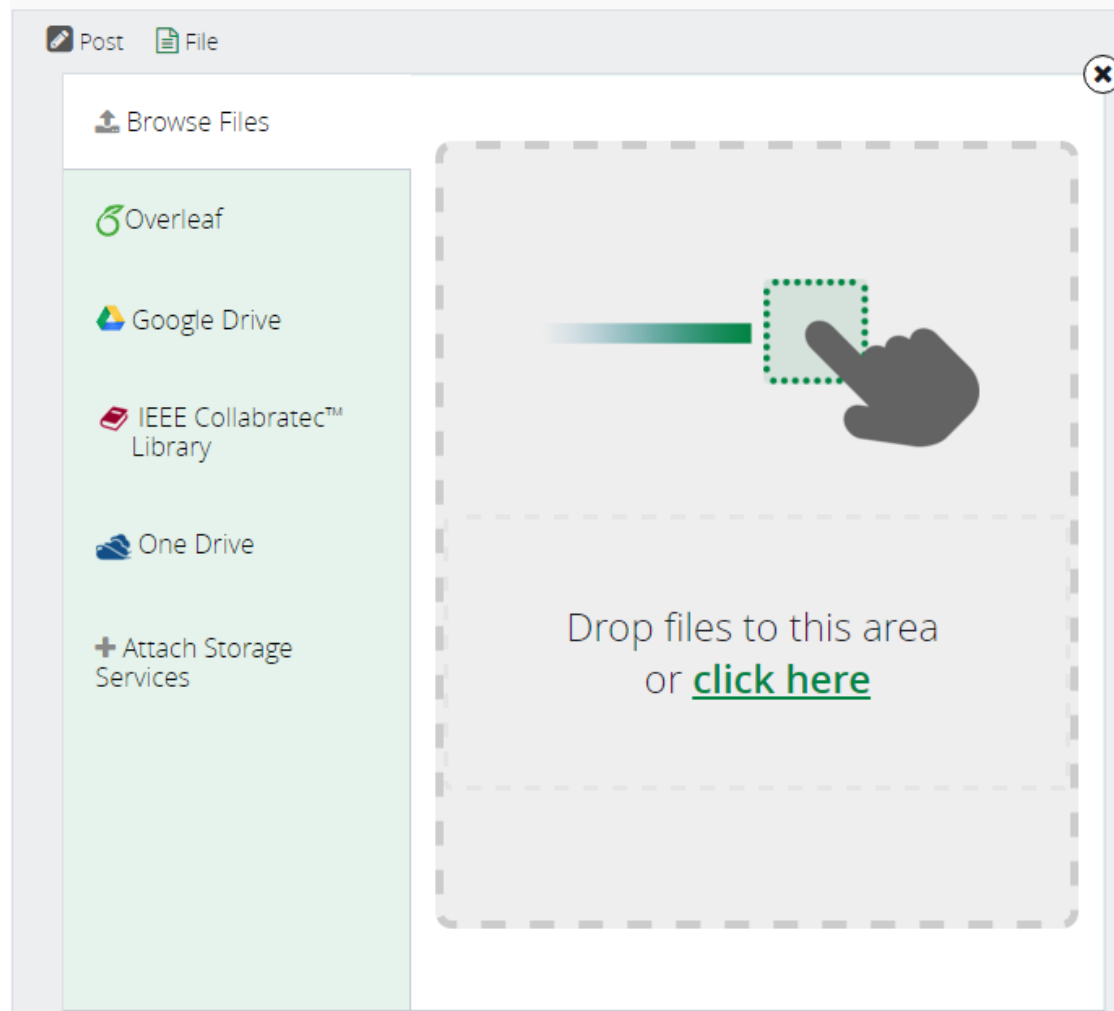
1784 participants



London, England

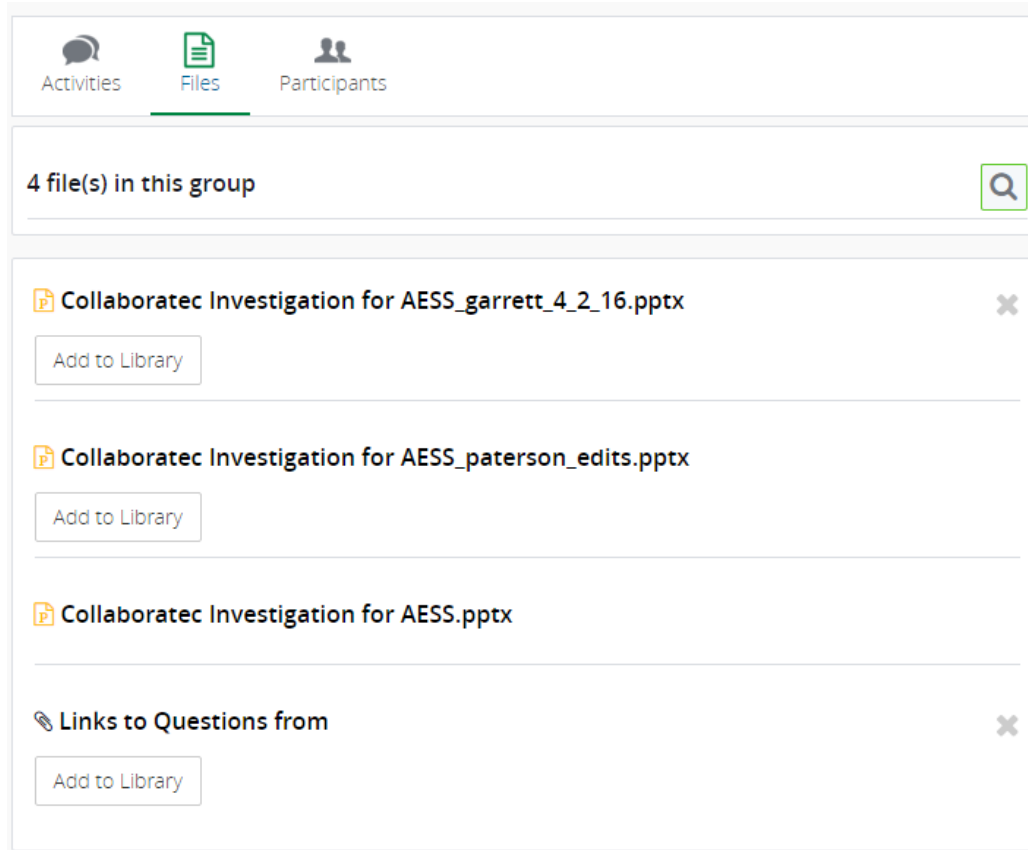
2113 participants

# Analysis of Objectives – Robust Authoring Tools









# Analysis of Objectives- The Library





The screenshot displays a user interface for a file management system. At the top, there are three navigation tabs: 'Activities', 'Files' (which is selected and underlined), and 'Participants'. Below the tabs, a header indicates '4 file(s) in this group' with a search icon on the right. The main content area lists four items, each with a file icon, a title, and an 'Add to Library' button:

- Collaboratec Investigation for AESS\_garrett\_4\_2\_16.pptx
- Collaboratec Investigation for AESS\_paterson\_edits.pptx
- Collaboratec Investigation for AESS.pptx
- Links to Questions from

# Analysis of Objectives- Professional Identity

  posted  


20 days ago —  Edited

Hi friennds i am new here and working and i want to a businessman if u can provide me about this topic research paper and idea i am very thankfull to u my id is 

1 comment 

18 days ago

Welcome  What topics are you interested in for your research paper?

# Suggestions to Collabratec

- Folders
- Integrated Calendars
- Follow people
- Improved Searches

# Collabratec Conclusion

- We do not recommend AESS use Collabratec until it is further developed

# Social Media in AESS – Beyond Collabratec

- The next generation of engineers
- Continue to find other areas of social media to connect members
- Building International Relationships

# Email – The One of the First Forms of Social Media

- Great for Pointed Discussion
- Less effective for mass communication
- Young Professionals exit college receiving countless emails from societies and programs

# Facebook & Twitter – Current AESS Tools

- Current Status: Active, but small
  - Delivers lots of useful information
- Moving Forward: Encourage more members to use these services as a passive step toward a more active community

# Instagram & YouTube – Entertainment Platforms

- Current Status: Limited to no AESS involvement
- Moving Forward: YouTube as a platform for delivering Education Services



# Being Successful in the Social Media World

- Members need a Driving Force to Stay Active
- More Common
  - Strong Belief in a Movement/Cause
  - Entertainment
  - Staying Connected

# AESS Objectives and Committees

- Multi-Society Collaboration
- Conferences
- Education
- Finance
- Industry Relations
- Member Services
- Publications
- Technical Operations
- Governance

# AESS – Near-Term Investment in Social Media

- Multi-Society Collaboration
- Conferences
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- Finance
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# Multi-Society Collaboration

- Private group to connect societies
- Open Forum Communication to share ideas and event details

# Education

- ▣ Currently happening already
  - Video Education Initiative
- ▣ Mentoring Communication Platform

# Member Services

- Ties back to the New Generation of Engineers
- For students and Young Professionals to join and stay active they need to feel comfortable

# AESS BoG - Social Governance

- Question: Can governance be improved with social media?

# AESS BoG - Social Governance - Today

- BoG Meeting – committees formed by volunteer or assignment, short and long term goals established
- Time in between – Email chains used for committee business, others included on a case-by-case basis
- Next BoG Meeting – Reporting progress / events / requests



# AESS BoG - Social Governance – Level Set

- Upsides
  - It works!
  - Minimal outside involvement
  - Streamlined decision making / discussions
- Can we do better?

# AESS BoG - Social Governance – Options

- “Open” Governance Options
  - Minimal Case: Entire BoG can observe debate / discussion
  - Fully transparent: All AESS members can observe
- Note! This does not imply democratic decisions
- Does not need to allow active commentary from non-committee

# AESS BoG - Social Governance – Minimal Case

- Allows the entire board to understand what each committee is doing
  - Board members can better match themselves with committees of interest
  - Non-committee members can communicate ideas / different points of view
- Gives new board members insights
  - Passive way to consume multiple committees
  - Can train to be future BoG leaders

# AESS BoG - Social Governance – Fully Transparent Case

- All of the advantages of the minimal case!
- Chapter Leaders / members can observe activity planning
  - If Education committee is prototyping mentoring in a US chapter, an Italian chapter can observe planning / try variations
  - Ideas that don't succeed might otherwise be prematurely dropped

# Contact Information

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- Mentoring

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- **Ryan Paterson**

- Open Governance

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- Social Media

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