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Member, IEEE Conference Application Review & Finance Committee

Treasurer, IEEE Education Society

Member, IEEE MGA Chapter Operations Committee

Steering Committee of IEEE DataPort

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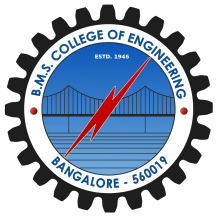

Associate Professor, BMSCE

Executive Director, BIG Foundation (Section 8 Company) Bengaluru, India

IEEE *DataPort*™

A Full-Service Data Access Tool and Data Management Solution for Institutions

Dr. Abhishek Appaji, Member, IEEE DataPort Steering Committee
Chair, Site Enhancement Committee

IEEE DataPort™

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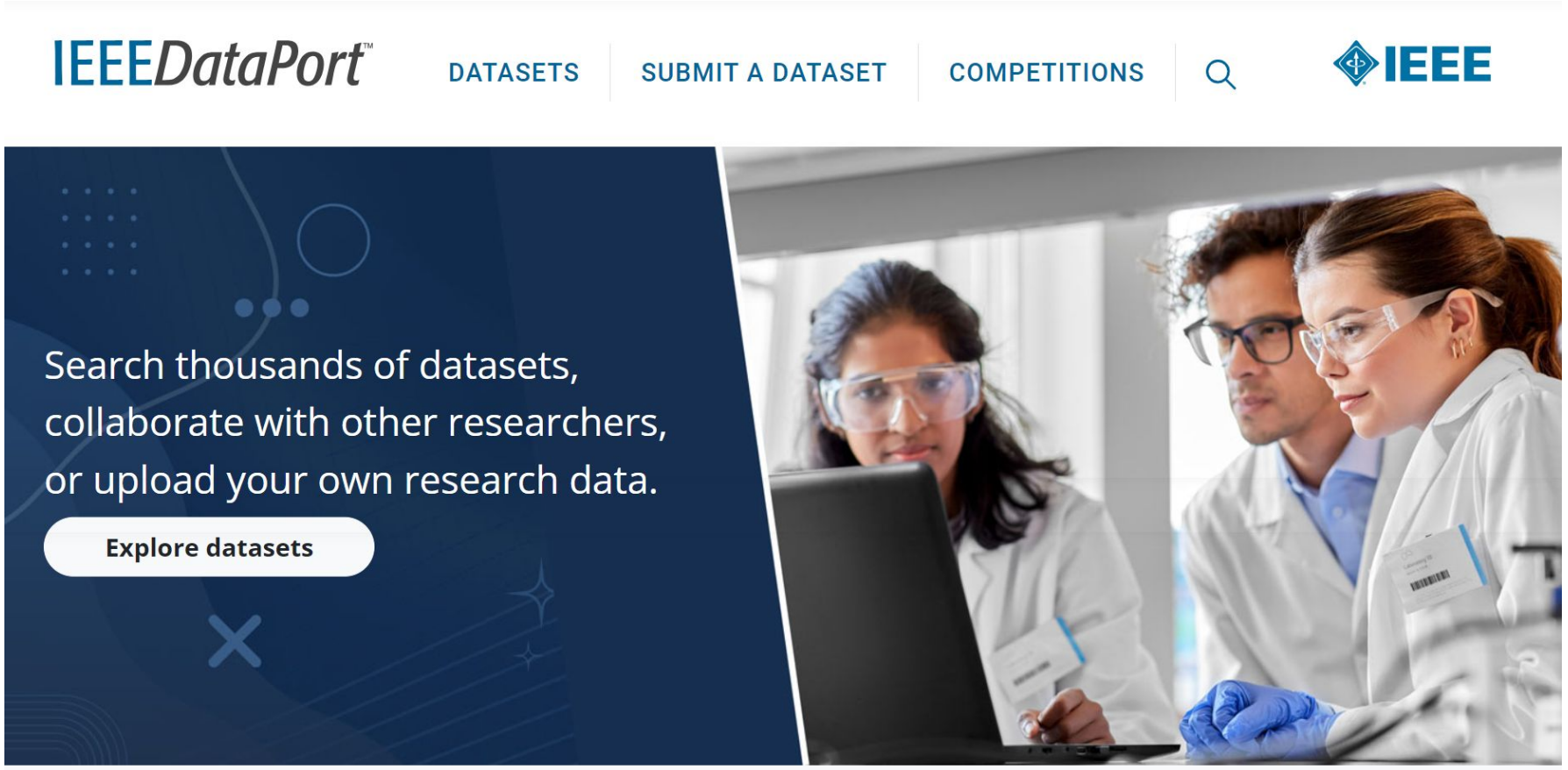
IEEE *DataPort*
Valuable Tool for Research Data Management



Access Data

Store/Publish Data

Share Data

Manage Research Data

https://ieee-dataport.org

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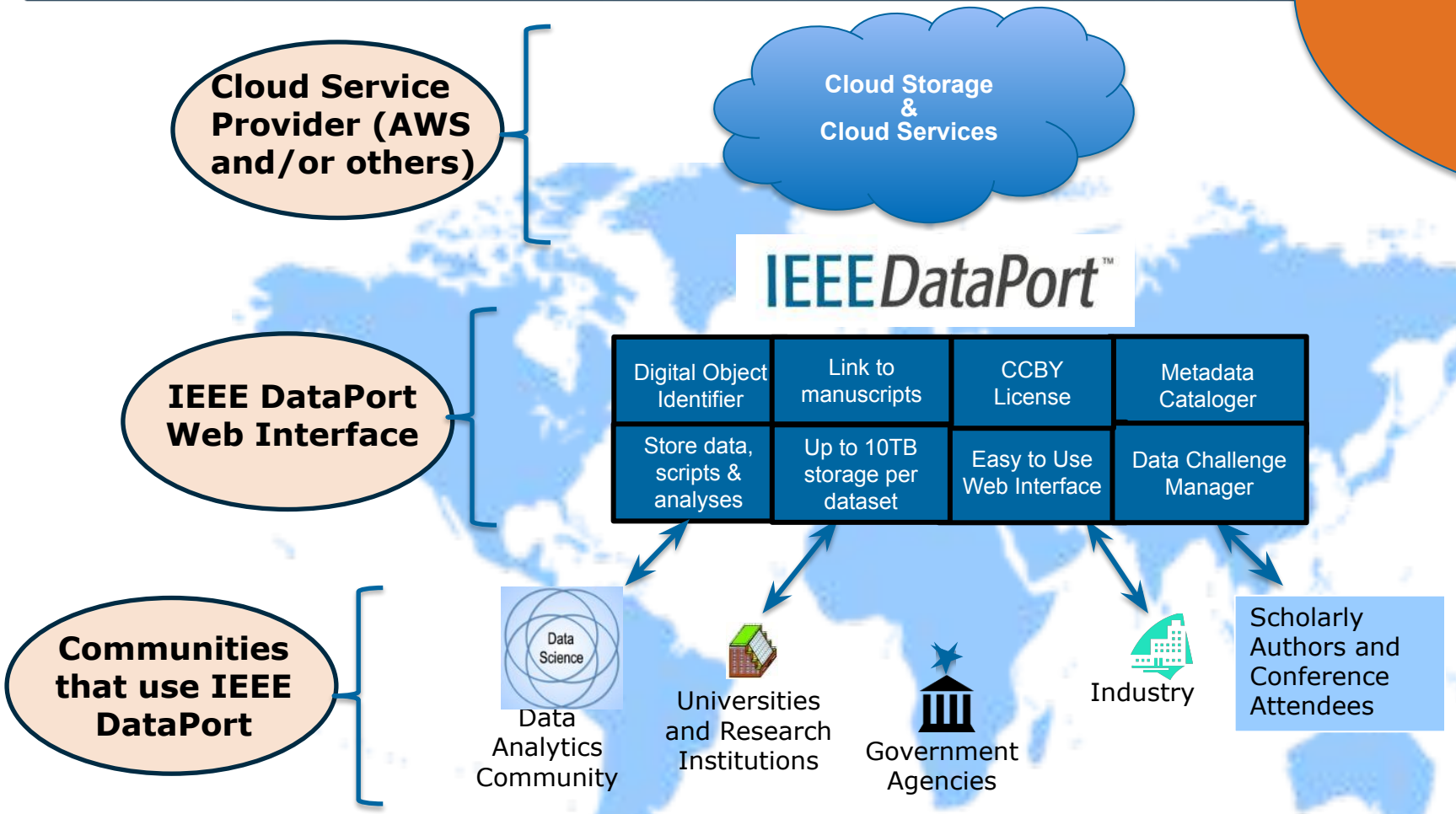
Getting to Know IEEE *DataPort*

Currently >18,600,000 global users and >9,300 datasets!



Datasets:
Span all areas of research (not just engineering)

- Power and Energy Data
- Wireless Data
- Bio-data
- Sensor data
- Weather data
- Agriculture data
- and many others

All formats accepted (<u>except executables</u>):

- Video files
- Images/photos
- CSV
- Audio files
- and many others

IEEE *DataPort* – Key Functions/Demo

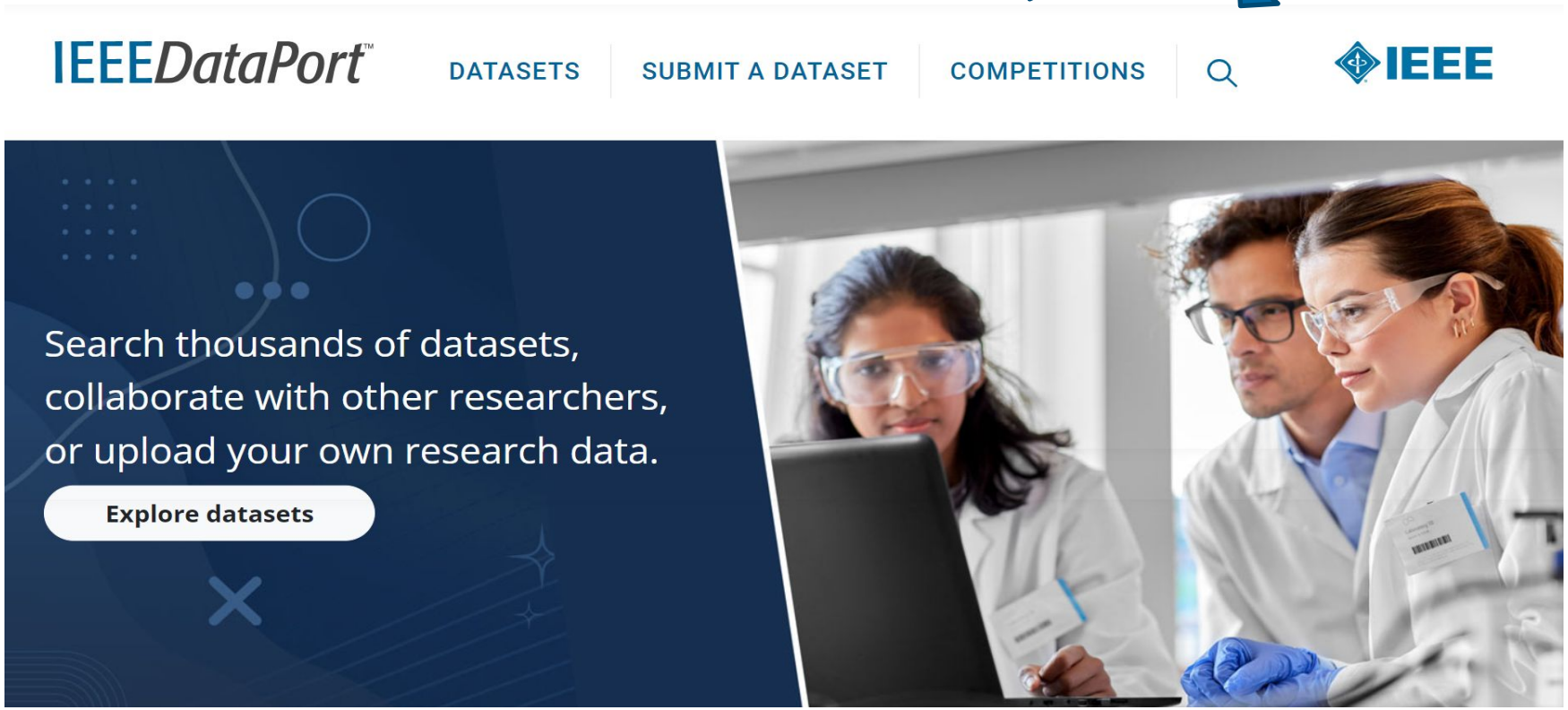
https://ieee-dataport.org

Explore & Access Datasets

Submit a Dataset

Initiate or participate in a Data Competition

Search for Datasets



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Annual Institutional Subscriptions – Basic and Premium

Basic:

- Free access to all 9300+ datasets for all members of the institution
- Free data storage and data publishing (not Open Access)
- Institutional dashboard/metrics
- Optional Institutional branding on datasets submitted by the institution

Premium:

- Basic subscription benefits plus 20 free Open Access dataset uploads

Access all 9300+ datasets on the platform

Researchers retain ownership and copyright to the data

Datasets will be retained indefinitely

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Benefits of this Valuable Research Data Platform

Experience how IEEE *DataPort* helps support research data needs

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1. Annual subscription	All 8 Basic Institutional Subscription capabilities PLUS these additional capabilities that will help users meet funding agency requirements:
2. All institutional members included (managed by email domain)	1. Ability to upload up to twenty (20) 10TB OA datasets during subscription period (# of OA uploads included can be modulated with price changes)
3. Browse and search datasets	2. Automated Data Management Plan creation available
4. Access all datasets	3. Enable "private" datasets available only to defined groups (defined research teams or entire institution)
5. Upload unlimited 10TB public (non-OA) datasets	4. Enhanced Dashboard Reports showing # DMPs created by the institution, # of private groups, citations on each of the institution's datasets
6. Institutional branding on datasets	5. Dataset citations displayed
7. Data Competition capabilities	
8. Institutional Dashboard	

Choose Premium to support Open Access

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IEEE *DataPort* – Next Steps

1. We will follow up with you and send the short video on IEEE DataPort that you can share with your colleagues

2. Can we provide a specific quote for IEEE DataPort for your institution?

For additional questions, send an inquiry to dataport@ieee.org

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IEEE Conference Quality Governance

Conference Quality Committee (CQC)

Ensures overall quality of IEEE Conferences. Serves as primary point of contact, conducts reviews and conference audits, recommends quality policies, procedures, and best practices.

Technical Program Integrity Committee (TPIC)

- Reviews technical program management and peer review to ensure the quality of papers submitted to IEEE *Xplore*®.
- Establishes acceptable quality criteria, determines processes, and conducts appeals
- Refers unresolved issues to **Conference Quality Committee**, or sponsoring OU as per escalation procedures

Conference Application Review Committee

- Makes IEEE Conference quality recommendations
- Identifies sets of applications with quality concerns, partners with OUs on Conference Application approval/rejection and sponsor vetting, recommends policy changes.
- Refers unresolved issues to **Conference Quality Committee** or sponsoring OU as per escalation procedures.

IEEE Conference Quality Governance

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- Reviews technical program management and peer review to
- Engages with **organizers** ***after*** the conference takes place.
- appeals
- Refers unresolved issues to **Conference Quality Committee**, or sponsoring OU as per escalation procedures

Conference Application Review Committee

- Makes IEEE Conference quality recommendations
- Engages with **sponsors** ***before*** the conference application is approved.
- on
- ng,
- recommends policy changes.
- Refers unresolved issues to **Conference Quality Committee** or sponsoring OU as per escalation procedures.

CARC Methodology

1. CARC works with Section and Societies to assist in the Conference Application process
2. Each CARC member works with a set group of Sections and Societies, with a goal of being part of the Conference Application review team
   - CARC members are introduced to Section Leadership and strive to create a collaborative relationship
   - Introductory training is offered, often as part of our ongoing Conference Education Program
3. CARC Process
   - Each new conference application is sent to CARC member for review
   - CARC member notes areas of concern with the conference and with the conference sponsors
   - CARC member advises Section Leaders on what they ought to be concerned about. If needed, can recommend rejection.
   - CARC member scores conference application, notes areas of concern for possible TPIC review
4. CARC can elevate issues to CQC. CQC can also reject the application
5. CARC can assist the Section, Society or Council in a review and investigation

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The primary goal is education and training!

Suggested Themes for Flip Charts:
To share and co-create best practices for organising impactful conferences.

Each group use sticky notes to paste key ideas on the flip chart

- Planning, Budgeting, Technical/Financial Sponsorship – timelines, budgeting, venue selection.
- Technical Program Development - Technical Committees, keynote, sessions, workshops, Industry outreach, paper reviews, posters.
- Speakers & Delegates, Technology & Logistics – invitations, diversity, engagement, hybrid/virtual setup, AV, registrations.
- Marketing & Outreach, Post-Conference Impact – Social media, emails, partnerships, proceedings, feedback, networking.

3 Minutes presentation

Team 1 - ICASSP – IEEE International Conference on Acoustics, Speech, and Signal Processing
Focus: Signal processing, AI, speech, and audio technologies.

Team 2 - IEEE ICC – International Conference on Communications
Focus: Telecommunications, networking, 5G/6G, IoT, and wireless systems.

Team 3 - IEEE ICRA – International Conference on Robotics and Automation
Focus: Robotics, automation, control systems, and intelligent machines.

Team 4 - IEEE ISCAS – International Symposium on Circuits and Systems
Focus: Electronics, VLSI, circuits, and hardware design.

Team 5 - IEEE VR – Virtual Reality Conference
Focus: Virtual reality, augmented reality, human-co