IEEE INDUSTRY APPLICATIONS SOCIETY MEMBERSHIP INFORMATION 2014

http://ias.ieee.org/

IEEE

IAS

REGULAR MEMBERSHIP | STUDENT MEMBERSHIP | AFFILIATE MEMBERSHIP

"OVER 49 YEARS OF SERVICE TO INDUSTRY AND THE ENGINEERING PROFESSION"

IEEE INDUSTRY APPLICATIONS SOCIETY

Connect Yourself to the Industry Professionals in Electrical and Electronic Engineering.

If the needs of the industrial or commercial sector are your engineering interests, the Industry Applications Society (IAS) will be a valuable professional connection. One of the largest special interest societies within the Institute of Electrical and Electronics Engineers (IEEE), the IAS focuses specifically on the unique needs of industry and commerce. IAS is a source of professional power to its nearly 10,000 worldwide members. Through a network of more than 190 chapters globally, regional events and national and international conferences, the society keeps members abreast of current developments in the area of technology in electricity and electronics. Through this sharing of specific industry-related solutions, IAS enriches both its individual members and the industry as a whole. For more information see: ***http://ias.ieee.org/*** .

Three Reasons to Join IAS

1. Informative Meetings, Seminars, Tutorials, and Conferences.

Exchange information with the foremost industrial experts through personal participation in a local chapter meetings, seminars and regional, national and international conferences which can be accessed at ***http://ias.ieee.org/*** *>>Conferences*. These venues typically combine industrial exhibits, tutorials for in-depth coverage of the given topic, and presentations from industrial and academic experts in a given field. The IAS has one of the largest special interest programs of any IEEE society, which include:

- IEEE IAS Annual Meeting
- Energy Conversion Congress and Exposition
- Applied Power Electronics Conference
- Cement Industry Conference
- Electrical Safety Workshop
- Industrial and Commercial Power Systems Conference
- Industrial Energy Efficiency Workshop
- Petroleum and Chemical Industry Conference
- Pulp and Paper Industry Conference
- Rural Electric Power Industry Conference

Active IAS Members can be Found Virtually Anywhere Electricity or Electronics is Applied:

- Industrial automation
- Petrochemical
- Renewable Energy
- Government
- Manufacturing engineering
- Pulp and paper
- Rural Power Systems
- Electrical Safety
- Mining & Metals
- Hospitals & Universities
- Cement
- .....and dozens of others

Membership in IAS will give you the opportunity to become acquainted and work with these experts.

IEEE's INDUSTRIAL CONNECTION

2. Valuable Professional Publications. IEEE publishes journals, conferences, and standards in electrical, electronics, and all related technologies. Also a membership benefit, through ***IEEE Xplore*** digital library, members can easily search over nearly two million IEEE documents, including otherwise difficult-to-find conference papers. The IEEE Xplore digital library delivers instant access to high quality full text research papers including all graphics, individual online article purchase via credit card, free keyword searching, unlimited viewing of basic abstracts, a growing backfile with many publications back to 1950 and earlier, plus affordable subscription options such as ***IEEE Enterprise***.

IAS strengthens the professional knowledge connection by sponsoring a range of books and periodicals within its technical specialty ***(http://ias.ieee.org/ >> Publications)***. You may already be familiar with the two flagship publications of the Society: The ***IEEE Transactions on Industry Applications*** and the ***IEEE Industry Applications Magazine***. These bimonthly publications document original contributions to real-world applications of electrical apparatus and systems in the field of interest of the IAS Technical Committees. Additionally, the IAS has joined other IEEE Societies in creating new Transactions, the ***IEEE Transactions on Smart Grid***, and the ***IEEE Transactions on Sustainable Energy***. The content of all these Transactions and of the Magazine are accessible to IAS members free of charge on *IEEE XPlore,* along with papers published in IAS-sponsored conference proceedings, also available to members. A printed copy of the Magazine is automatically sent to all members. Printed copies of the Transactions are available by optional subscription. The IAS is one of the principal contributors to ***IEEE Standards***, and Working Groups are active throughout the Society. One noteworthy example of IAS work is the ***IEEE Color Books***, renowned as a major resource for design of industrial and commercial power systems.

3. A Chance to Advance Your Industry. The opportunity to personally contribute to the betterment of your industry is a key IAS member benefit. Committees within IAS play a central role in establishing over 25% of all IEEE industry standards. Four technical departments, each serving a key segment of industry, bring professionals together to advance the interests of the field as a whole. Through these activities, individual members gain the satisfaction of knowing their efforts will contribute to a more productive and safer industrial environment for the generations to come.

IAS: Membership Options

Many engineering professionals are already eligible to be a part of the IAS, and may not even know it. Any current member of the IEEE is eligible to join IAS by applying and paying a nominal fee. If your professional interests dovetail with IAS but not IEEE, it is possible to join as an ***Organization Affiliate with IAS*** (at a significantly reduced dues rate) without becoming an IEEE member. An Organization Affiliate must be a member of a professional organization in a related scientific or technical field. Approved affiliate organizations include *EPE, IEE, VDE, IEEJ, AEI, ASChE, AIME, ASME, SME and ISA*, to name just a few. ***Students*** are encouraged to participate in the Society at a significantly reduced dues rate.

One Final Reason to Join

There is a stronger reason for being part of IAS, which doesn't show up in the technical publications or on the days at conferences. It comes from being an active part of a group of men and women, young and old, who are bound together by a common interest in industry. Building a *network of professional connections* is a part of it, as is staying on the inside track on happenings in the field. But most of all, the satisfaction comes from an opportunity to share your enthusiasm for your profession, and to be re-energized by the enthusiasm of others. It is this sense of mutual benefit that has made thousands of professionals from all over the world glad they completed the form in the web ***(www.ieee.org/join)***. The IEEE and Society membership dues are given in the web, ***http://www.ieee.org/membership_services/membership/join/join_dues.html#sect1***

Complete the form on-line ... you'll be glad you did too!

IEEE INDUSTRY APPLICATIONS SOCIETY'S ORGANIZATION DIAGRAM

Society Council

Society Officers, Department Officers, Committee Chairs, Past Presidents, Area Chairs

The Society Council meets annually and is empowered to elect officers, ratify amendments to the Constitution and establish major policy.

Executive Board

Society Officers, Standing Committee Chairs, Technical Department Chairs, Operating Department Chairs, and Members-At-Large

The Executive Board is empowered to amend bylaws, nominate officers and members-at-large and approve appointments.

Standing Committees

- Constitution and Bylaws
- Electronic Communication
- Financial Planning
- Inter-Society Cooperation
- Long Range Planning
- Nominating

Technical Departments

Manufacturing Systems Development and Applications Development

- Electrostatic Processes
- Industrial Automation and Control
- Industrial Lighting and Displays

Process Industries

- Cement Industry
- Electrical Safety
- Metals Industry
- Mining Industry
- Petroleum and Chemical Industry
- Pulp and Paper Industry

Industrial and Commercial Power Systems

- Codes and Standards
- Energy Systems
- Power Systems Engineering
- Power Systems Protection
- Rural Electric Power

Industrial Power Conversion Systems

- Electric Machines
- Industrial Drives
- Industrial Power Converter
- Power Electronics Devices and Components
- Renewable and Sustainable Energy Conversion Systems
- Transportation Systems

Operating Departments

Awards

- Awards & Nominations
- Outstanding Achievement
- Distinguished Service
- Outstanding Young Member
- Fellows

Chapters and Membership

- Awards
- Public Relations
- Chapter Development
- Senior Member Development
- Distinguished Lecturer & PL
- Chapter Communication
- Membership Development
- Workshop
- Conference Support
- Young Professional Program

Education

- Continuing Education
- Student Competition
- Workshops
- Zucker Planning

Meetings

- Technical Conference
- Annual Meeting

Publications

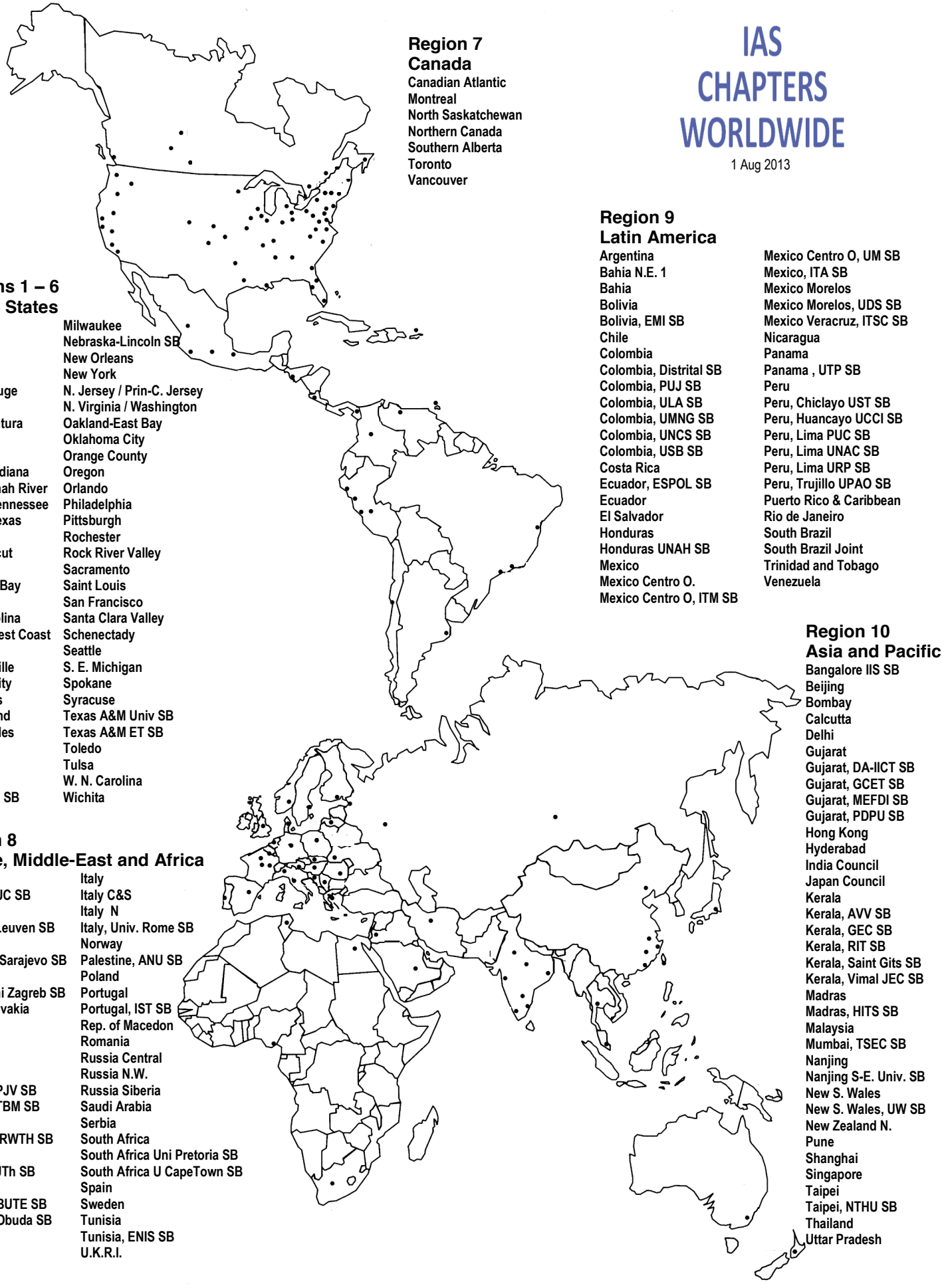
- Transactions
- Magazine
- Special Publications
- Conference Proceedings

Standards

- Awards

IAS CHAPTERS WORLDWIDE

1 Aug 2013



Regions 1 – 6
United States

Akron
Alabama
Atlanta
Baltimore
Baton Rouge
Boise
Buenaventura
Buffalo
Calumet
Central Indiana
C. Savannah River
Central Tennessee
Central Texas
Chicago
Connecticut
Dayton
Delaware Bay
Denver
E. N. Carolina
Florida West Coast
Houston
Jacksonville
Kansas City
Las Vegas
Long Island
Los Angeles
Maine
Memphis
Miami
Miami FIU SB
Milwaukee
Nebraska-Lincoln SB
New Orleans
New York
N. Jersey / Prin-C. Jersey
N. Virginia / Washington
Oakland-East Bay
Oklahoma City
Orange County
Oregon
Orlando
Philadelphia
Pittsburgh
Rochester
Rock River Valley
Sacramento
Saint Louis
San Francisco
Santa Clara Valley
Schenectady
Seattle
S. E. Michigan
Spokane
Syracuse
Texas A&M Univ SB
Texas A&M ET SB
Toledo
Tulsa
W. N. Carolina
Wichita

Region 7
Canada

Canadian Atlantic
Montreal
North Saskatchewan
Northern Canada
Southern Alberta
Toronto
Vancouver

Region 9
Latin America

Argentina
Bahia N.E. 1
Bahia
Bolivia
Bolivia, EMI SB
Chile
Colombia
Colombia, Distrital SB
Colombia, PUJ SB
Colombia, ULA SB
Colombia, UMNG SB
Colombia, UNCS SB
Colombia, USB SB
Costa Rica
Ecuador, ESPOL SB
Ecuador
El Salvador
Honduras
Honduras UNAH SB
Mexico
Mexico Centro O.
Mexico Centro O, ITM SB
Mexico Centro O, UM SB
Mexico, ITA SB
Mexico Morelos
Mexico Morelos, UDS SB
Mexico Veracruz, ITSC SB
Nicaragua
Panama
Panama , UTP SB
Peru
Peru, Chiclayo UST SB
Peru, Huancayo UCCI SB
Peru, Lima PUC SB
Peru, Lima UNAC SB
Peru, Lima URP SB
Peru, Trujillo UPAO SB
Puerto Rico & Caribbean
Rio de Janeiro
South Brazil
South Brazil Joint
Trinidad and Tobago
Venezuela

Region 8
Europe, Middle-East and Africa

Algeria
Algeria MUC SB
Austria
Belgium, Leuven SB
Benelux
B&H Univ Sarajevo SB
Croatia
Croatia Uni Zagreb SB
Czechoslovakia
Denmark
Egypt
Finland
France
France, UPJV SB
France, UTBM SB
Germany
Germany, RWTH SB
Greece
Greece DUTh SB
Hungary
Hungary, BUTE SB
Hungary, Obuda SB
Israel
Italy
Italy C&S
Italy N
Italy, Univ. Rome SB
Norway
Palestine, ANU SB
Poland
Portugal
Portugal, IST SB
Rep. of Macedon
Romania
Russia Central
Russia N.W.
Russia Siberia
Saudi Arabia
Serbia
South Africa
South Africa Uni Pretoria SB
South Africa U CapeTown SB
Spain
Sweden
Tunisia
Tunisia, ENIS SB
U.K.R.I.

Region 10
Asia and Pacific

Bangalore IIS SB
Beijing
Bombay
Calcutta
Delhi
Gujarat
Gujarat, DA-IICT SB
Gujarat, GCET SB
Gujarat, MEFDI SB
Gujarat, PDPU SB
Hong Kong
Hyderabad
India Council
Japan Council
Kerala
Kerala, AVV SB
Kerala, GEC SB
Kerala, RIT SB
Kerala, Saint Gits SB
Kerala, Vimal JEC SB
Madras
Madras, HITS SB
Malaysia
Mumbai, TSEC SB
Nanjing
Nanjing S-E. Univ. SB
New S. Wales
New S. Wales, UW SB
New Zealand N.
Pune
Shanghai
Singapore
Taipei
Taipei, NTHU SB
Thailand
Uttar Pradesh

ACTIVITIES AND PROGRAMS

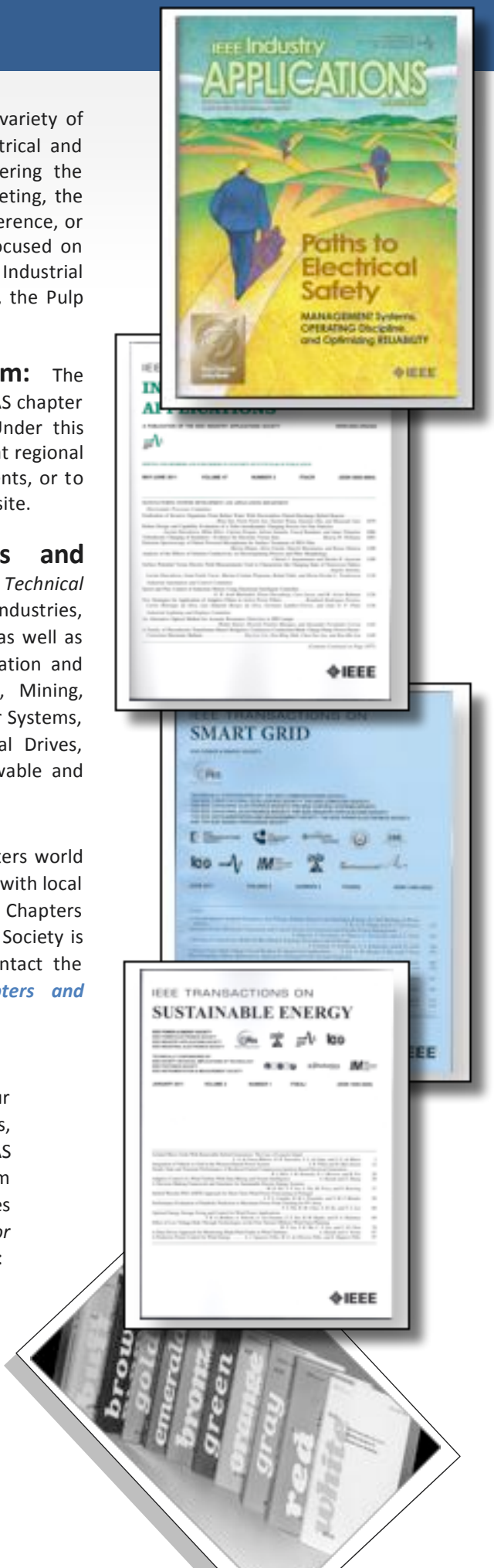
IAS Conferences, Seminars, and Tutorials: The IAS sponsors a variety of conferences, seminars, and tutorials for the continuing education of the electrical and electronic practitioner. Some of these events are broad and general, covering the application of drives, or power systems, for instance: the IEEE IAS Annual Meeting, the Energy Conversion Congress and Exposition, the Applied Power Electronics Conference, or the Industrial and Commercial Power Systems Conference. Others are more focused on specific industries or technologies, such as: the Cement Industry Conference, the Industrial Energy Efficiency Workshop, the Petroleum and Chemical Industry Conference, the Pulp and Paper Industry Conference, or the Rural Electric Power Industry Conference.

IAS Distinguished Lecturers & Prominent Speakers Program: The program was established to benefit the IAS members who are either part of an IAS chapter or IEEE section, with intent to promote chapter development, worldwide. Under this program, the IAS sponsors the travel of recognized experts to present lectures at regional or chapter meetings, worldwide. Check your local chapter website for local events, or to organize such a lecture consult the Chapters and Membership Department's website.

Industry Applications Society Technical Departments and Committees: The professional activity will be carried out in the *Technical Departments:* Manufacturing Systems Development & Applications, Process Industries, Industrial & Commercial Power Systems, Industrial Power Conversion Systems as well as the following *Technical Committees*: Electrostatic Processes, Industrial Automation and Control, Industrial Lighting and Displays, Cement, Electrical Safety, Metal, Mining, Petroleum & Chemical, Pulp & Paper, Codes & Standards, Energy Systems, Power Systems, Power Systems Protection, Rural Electric Power, Electric Machines, Industrial Drives, Industrial Power Converter, Power Electronics Devices & Components, Renewable and Sustainable Energy Conversion Systems, and Transportation Systems.

Industry Applications Society Chapters: The IAS has 193 Chapters world wide as shown on the Society Chapters map. The Chapters provide IAS members with local activities such as technical conferences, tutorials, workshops, and lecturers. The Chapters are supported by a network of Chapters Area Chairs in all IEEE Regions. The IA Society is committed to the growth and development of its Chapters world wide. Contact the *Chapters & Membership Department Chair* (***http://ias.ieee.org >>Chapters and Membership***) to establish an IAS Chapter at your location.

IEEE Color Books:

Standard development is a great way to enhance your career, and serve both your employer and the engineering community at large. IEEE sponsors many standards, and the IAS is one of the main contributors to that important work within IEEE. IAS members and committees are the experts behind a number of standards, from electric machines to industrial power systems. Very prominently, IAS committees are responsible for the *IEEE Color Books, the IEEE Recommended Practices for Industrial and Commercial Power Systems.* Subject areas for the new series include:

- Engineering of Industrial and Commercial Power Systems (IEEE 3000)
- Power System Design (3001 Series)
- Power System Analysis (3002 Series)
- Power System Grounding (3003 Series)
- Protection and Coordination (3004 Series)
- Emergency, Stand-by Power, and Energy management (3005 Series)
- Power System Reliability (3006 Series)
- Power System Maintenance, Operation, and Safety (3007 Series)