IEEE

BMS, ECC and other obscure technical terms

Outline

- Overview of electronic communication tools
- Business Management System
- Region 8 website
- Mailing lists and other (free) services

OVERVIEW

Need for electronic communication

- Largest region in IEEE
- 62 718 members in Region 8
- 100+ participants in this Region 8 meeting

- Networking and communication is a key element in the IEEE
- Tools are provided by the IEEE !

Available tools

At global level:

- Xplore +
  Job Site +
  membership +
  online election +
  online meeting +
  SAMIEEE +
  … =
  BMS

At Region 8 level:

- ieee.org/r8
- mailing lists

IEEE Business Management System (BMS)

BMS Scope and Objective

- BMS replaces the IEEE and the IEEE Computer Society's core business systems.
- It combines all information from various databases such as the IEEE Membership Database and the Computer Society's Sisyphus System into one repository.

Business Management System

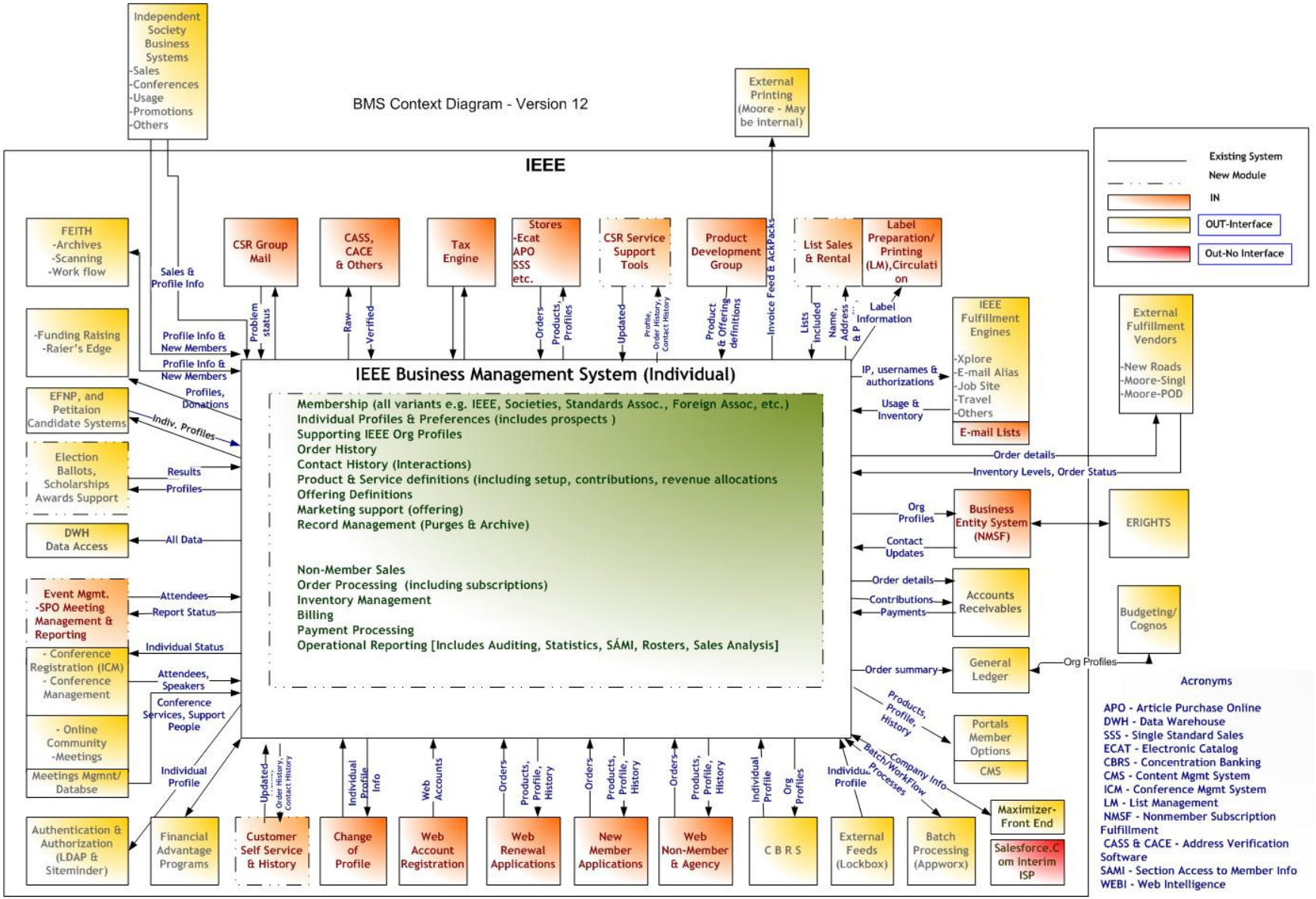
- BMS is more than an upgrade
- It is an entirely new way for IEEE to operate
- BMS offers a comprehensive view of all relationships between the IEEE and each of its members and customers and provides the knowledge of what they want in the future

What was the timeline?

Major Objective-Support IEEE Renewal Cycle

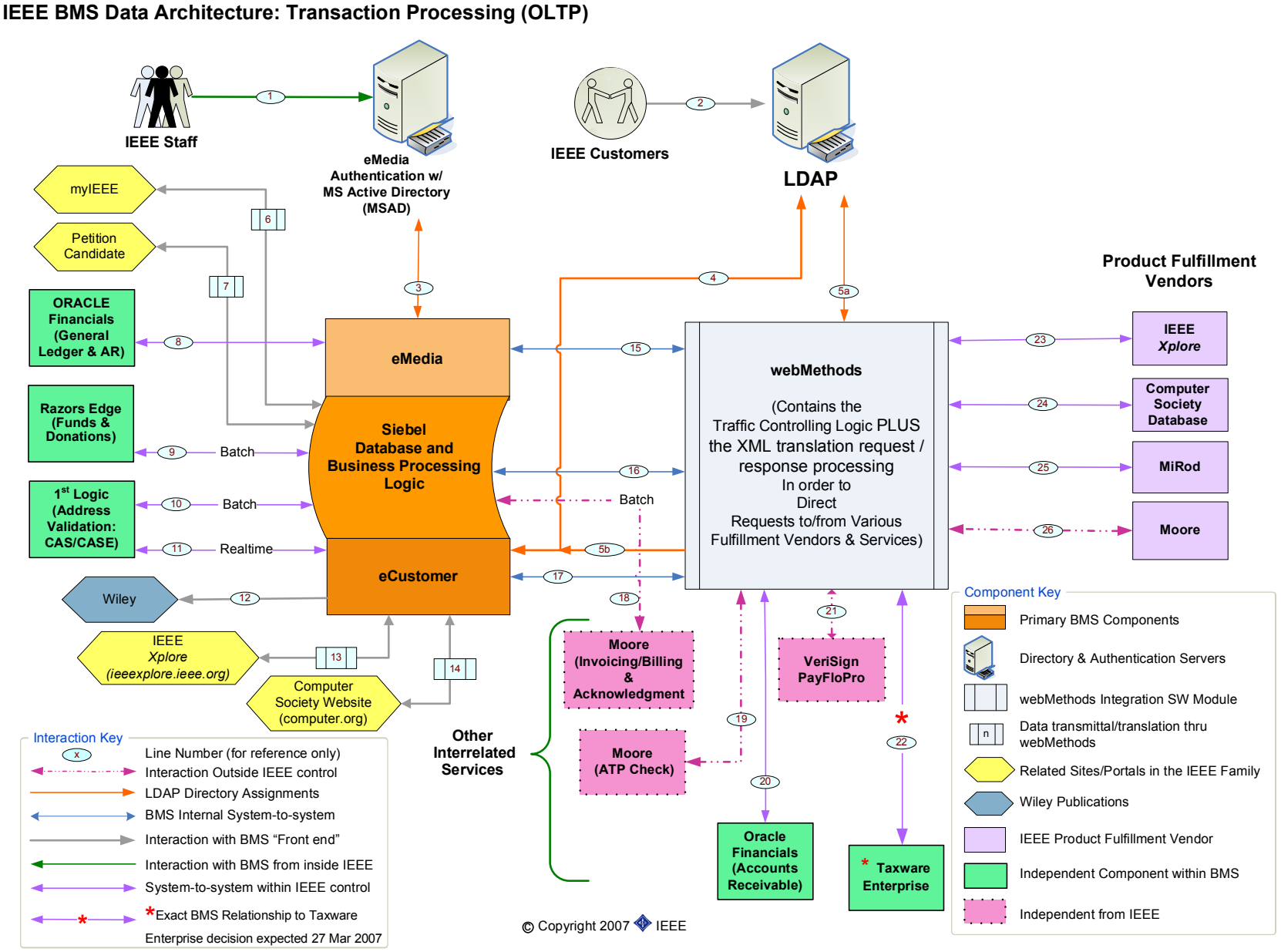
- Started Project 2005-Feb
- Determined needs, vision 2005-Jun
- Selected software 2005-Sep
- Finished Requirements 2005-Dec
- Finished Development 2007-Feb
- Finished Testing 2007-Jun
- Deployment (eCustomer) 2007-Aug

Replaces 26 different systems

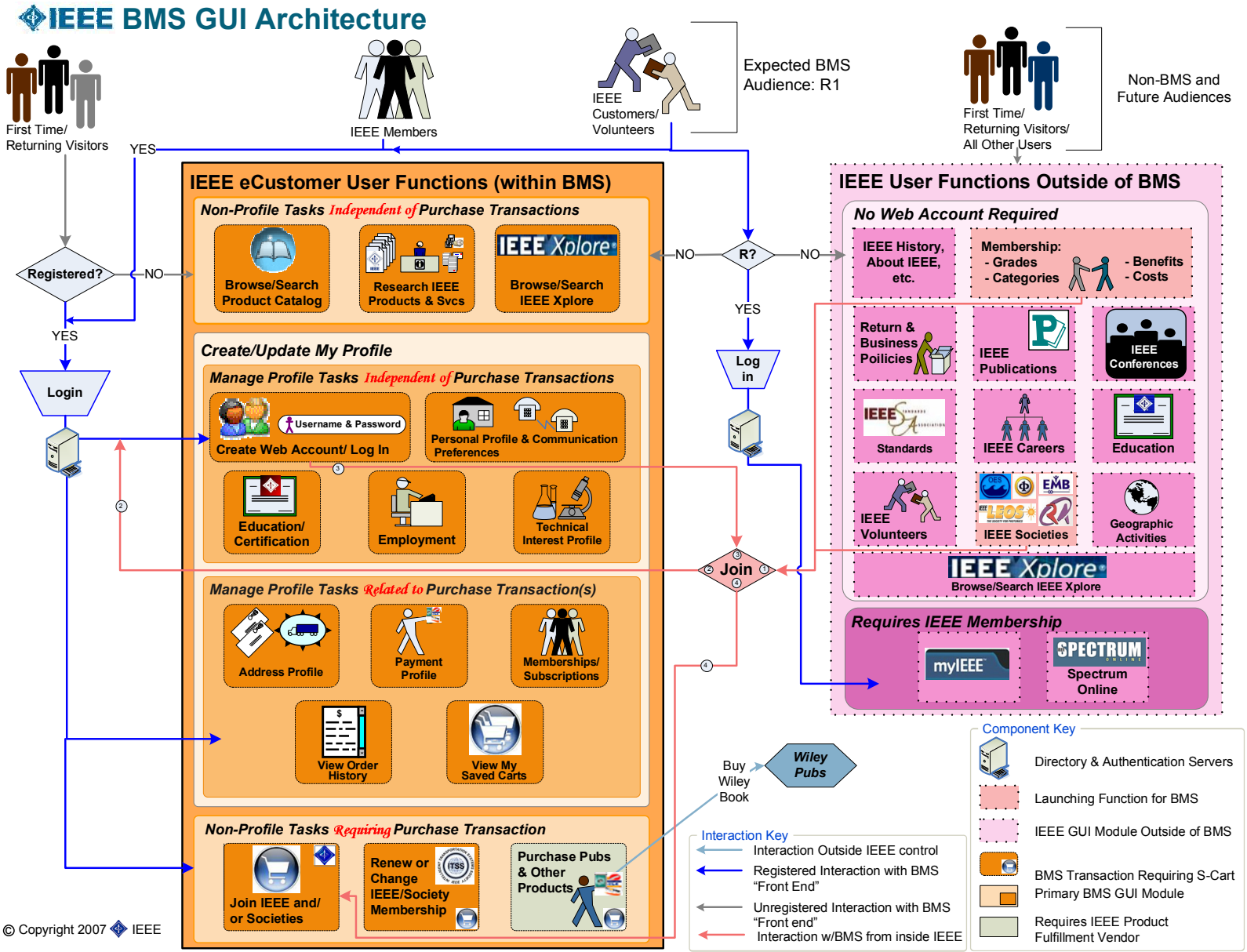


Version 12 – Added Salesforce as independent system, re-defined certain applications as interface-only, clarified legend….bh

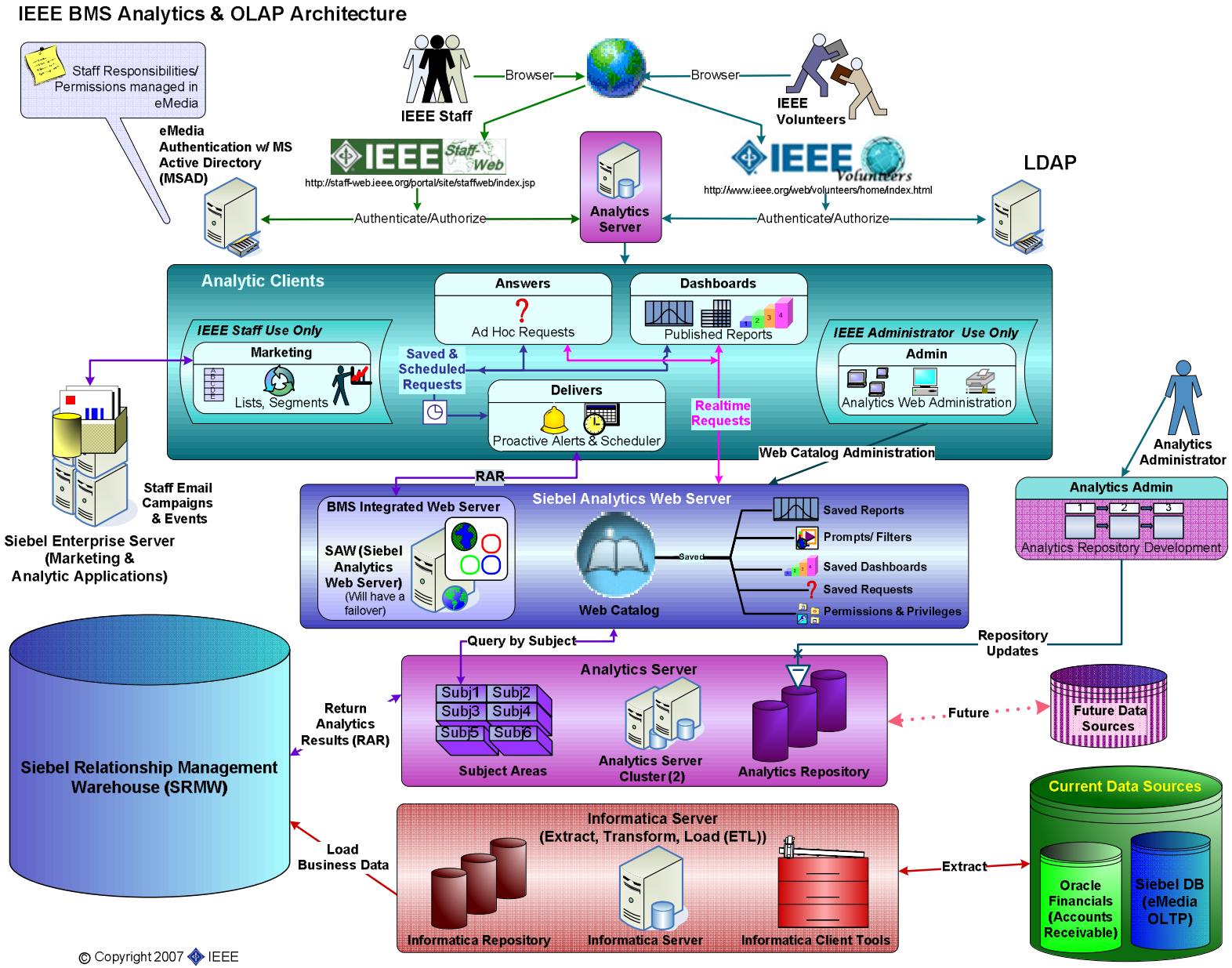
BMS Data Architecture



BMS User Interface Architecture



Analytics Architecture (SAMIEEE)



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How BMS helps Members (web)

- The web experience of BMS includes Join, Renew, Add Services, Shop/Browse and My Account.
- BMS uses a single shopping cart for:
  - IEEE Membership
  - Society memberships
  - Journals and Magazines
  - Conference Proceedings
  - Books and eBooks
  - Digital Libraries
  - Standards
  - Continuing Education Products

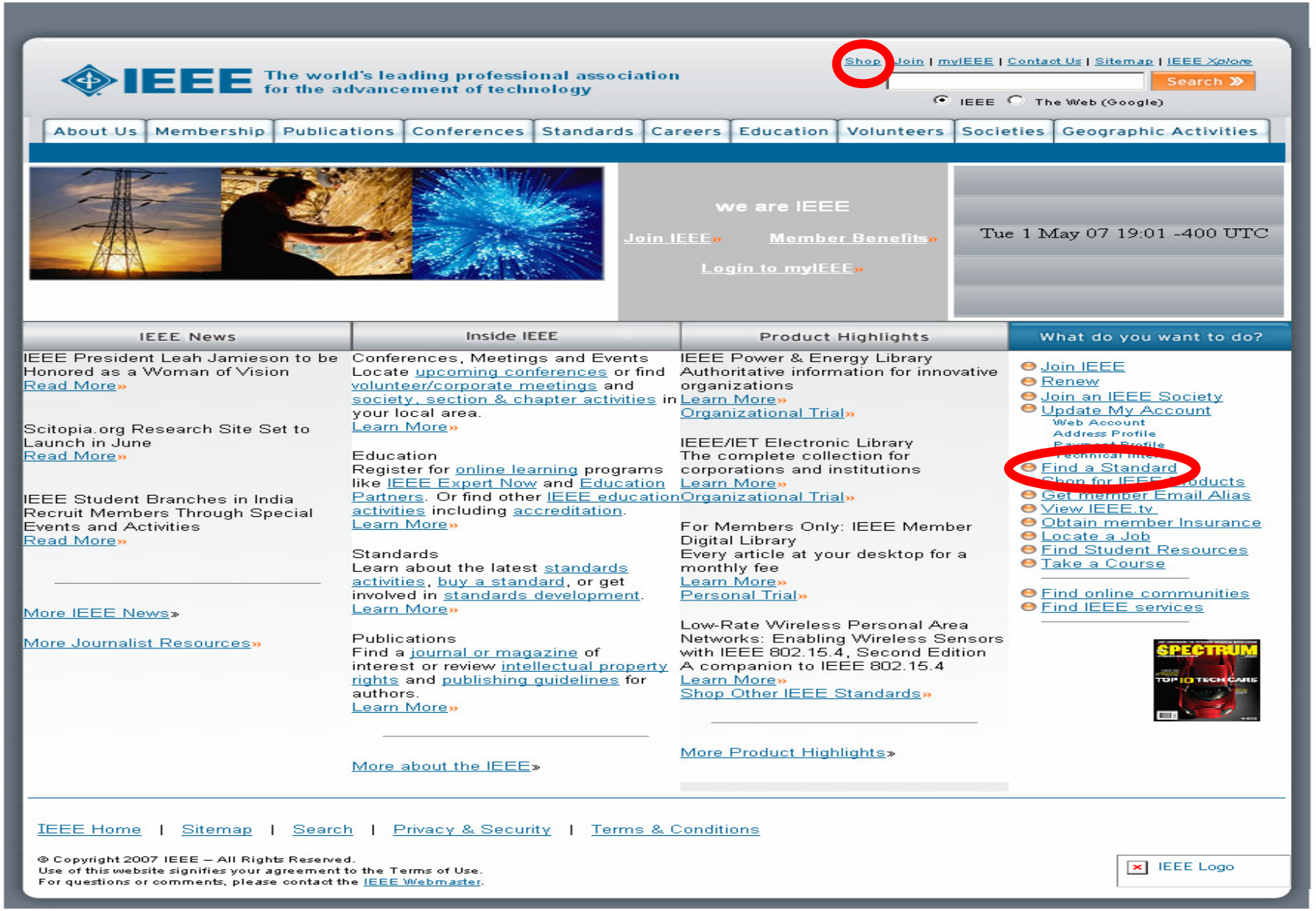
How BMS helps Members (web)

- BMS web provides one place for the member or customer to update personal information. The area is called My Account. It includes:
  - Address Profile
  - Education / Certification Information
  - Credit Card Profile
  - Technical Interest Profile
  - Web Account Maintenance
  - Display of Current and Previous Memberships
  - A View Order History
  - Print a Receipt anytime

How BMS helps Members (web)

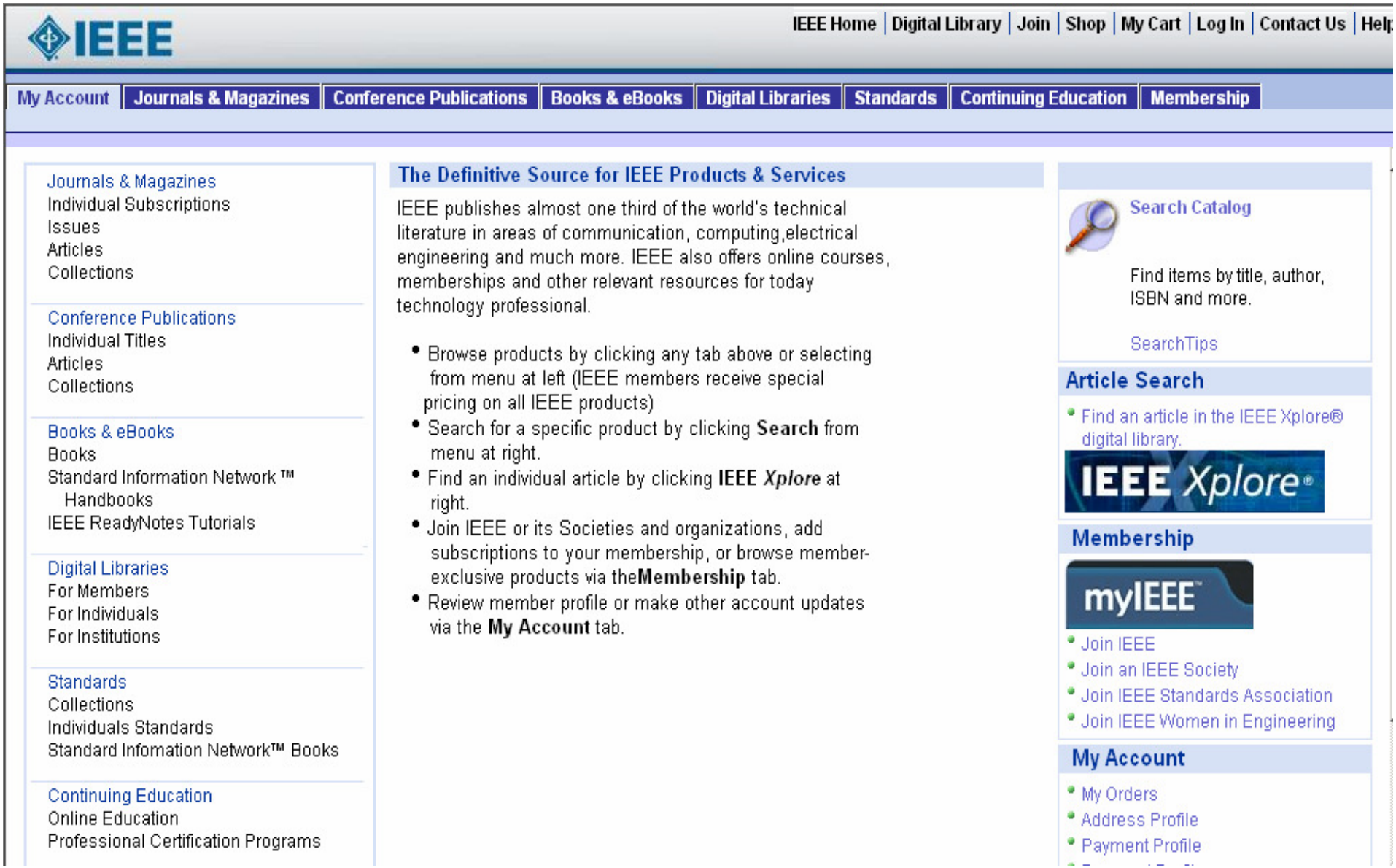
- It integrates with IEEE Xplore and the Computer Society Digital Library (CSDL).
  - Search Xplore or CSDL, but purchase the article through the BMS shopping cart.

Example: Browse / Shop

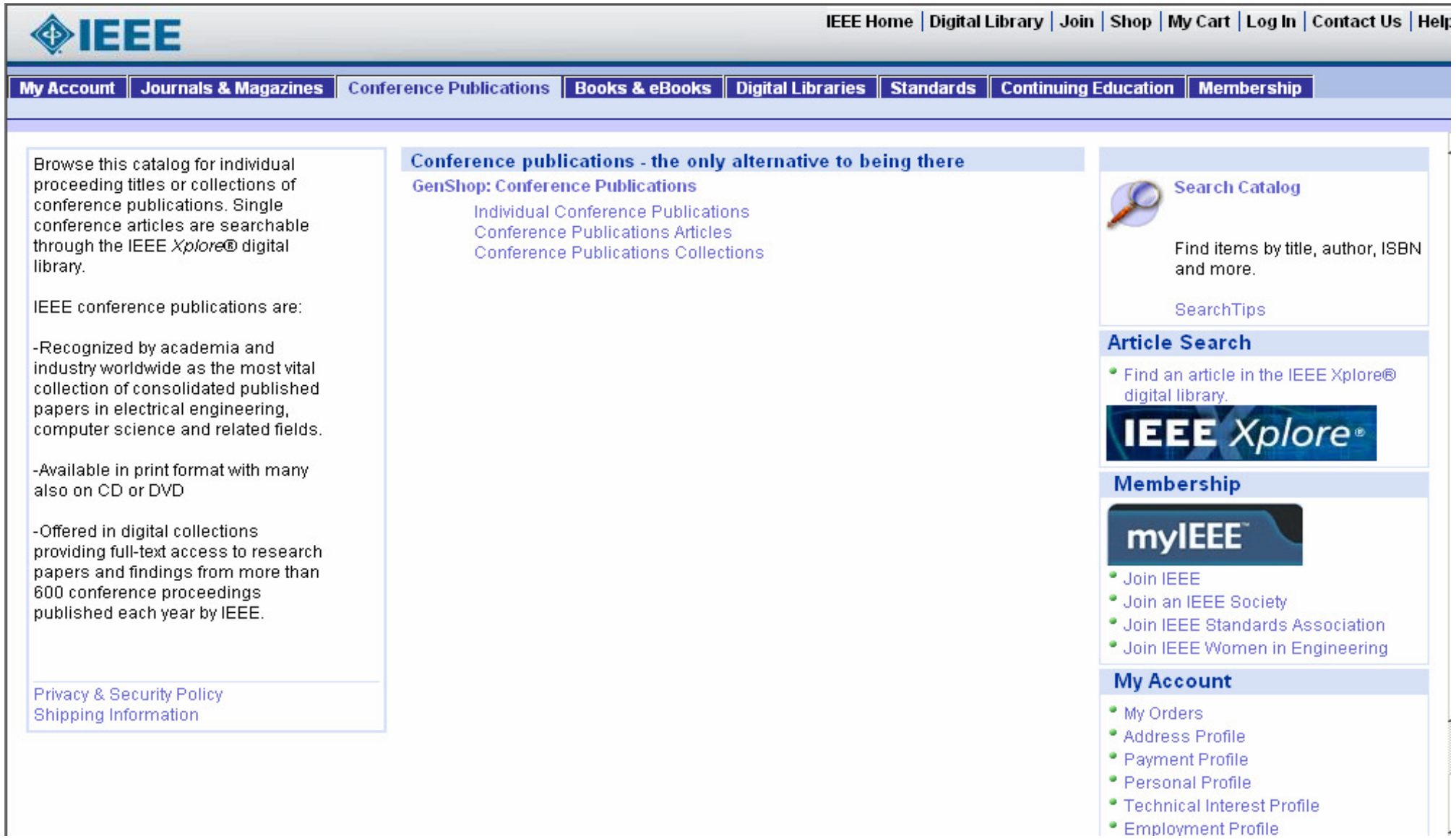


Browse / Shop

View IEEE Product Catalogs



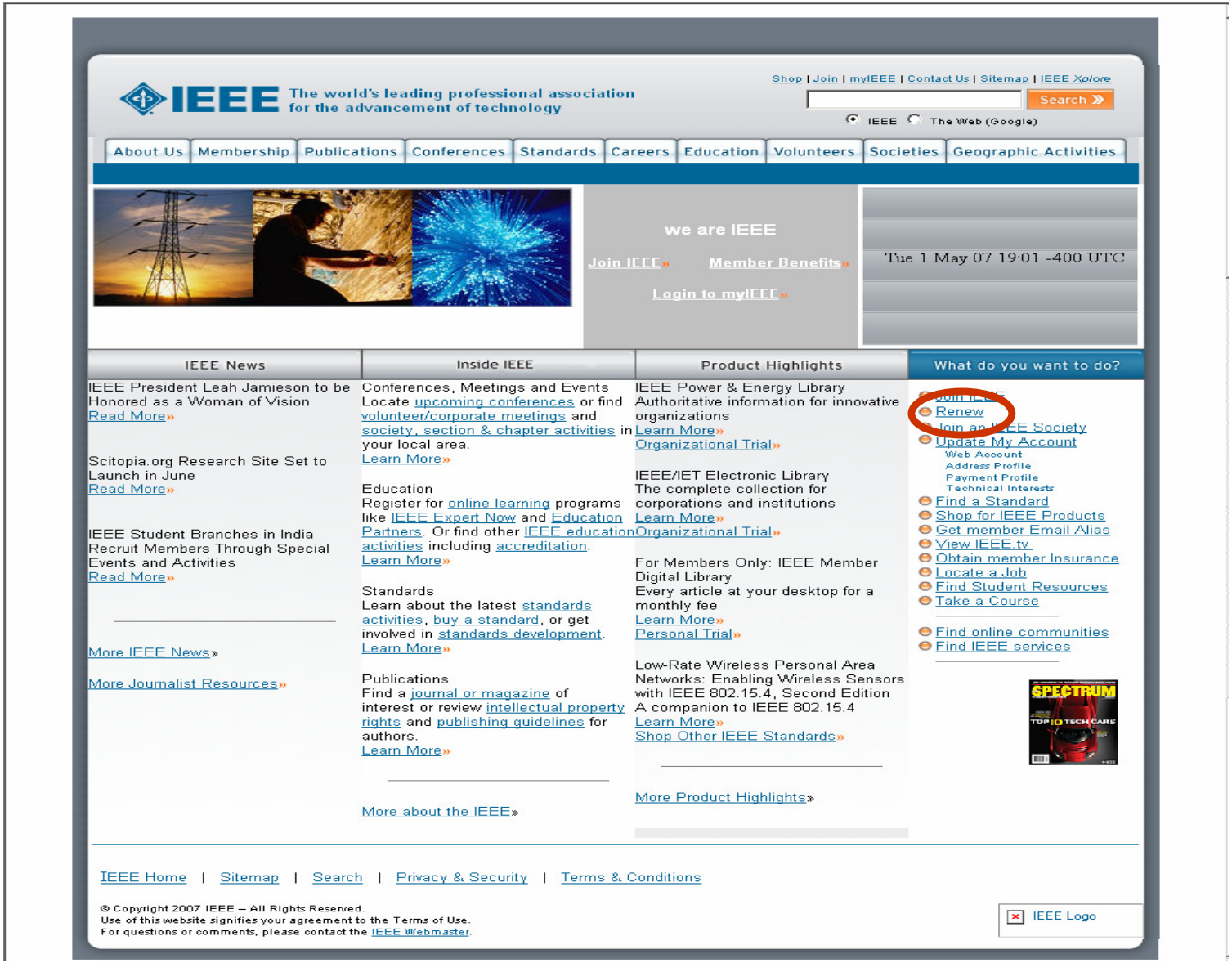
Choose from Journals & Magazines, Conference Publications, Books, Digital Libraries, Standards, Continuing Education and Membership



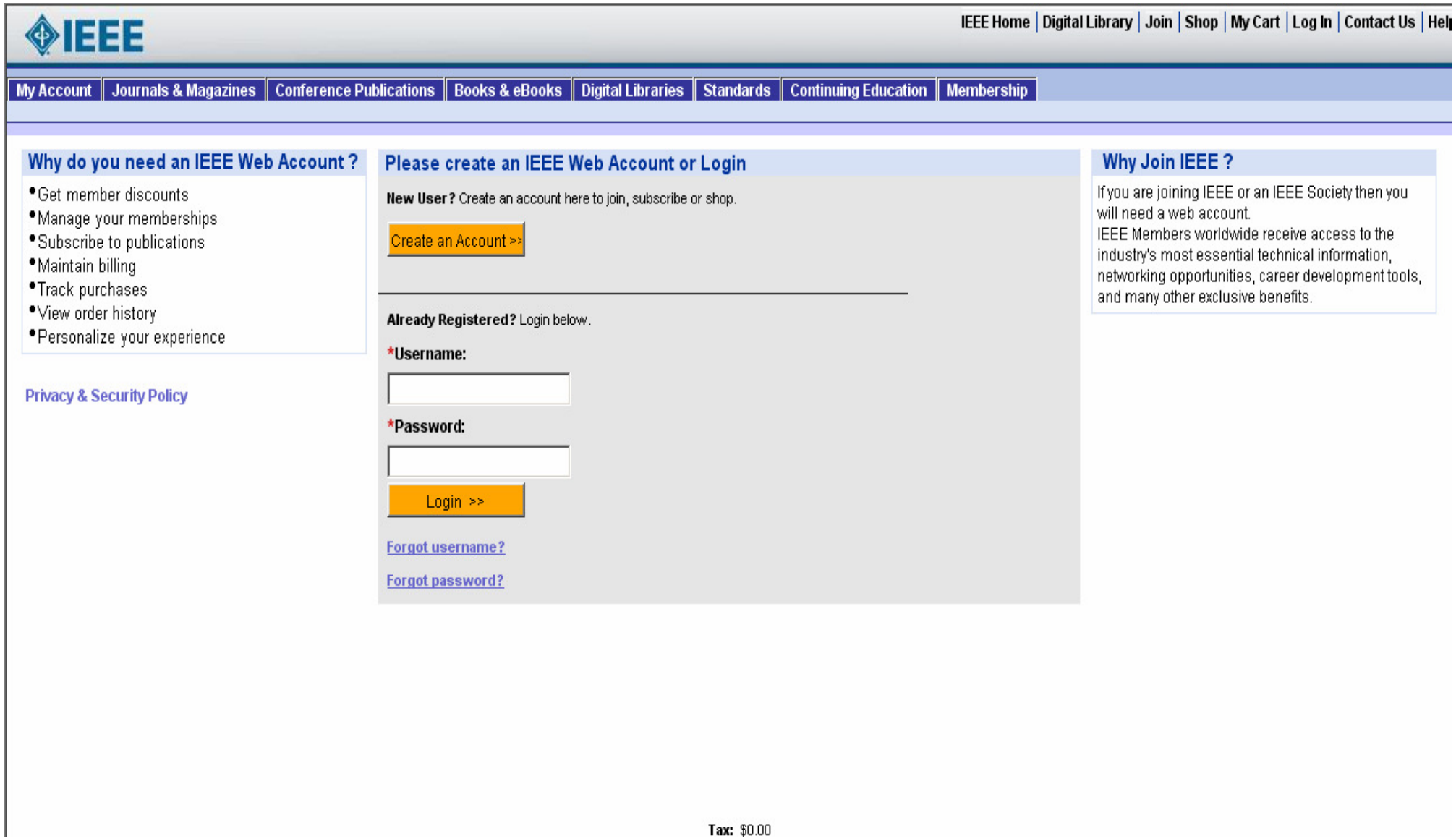
IEEE Membership Renewal

Here is how your Membership Renewal will look this year

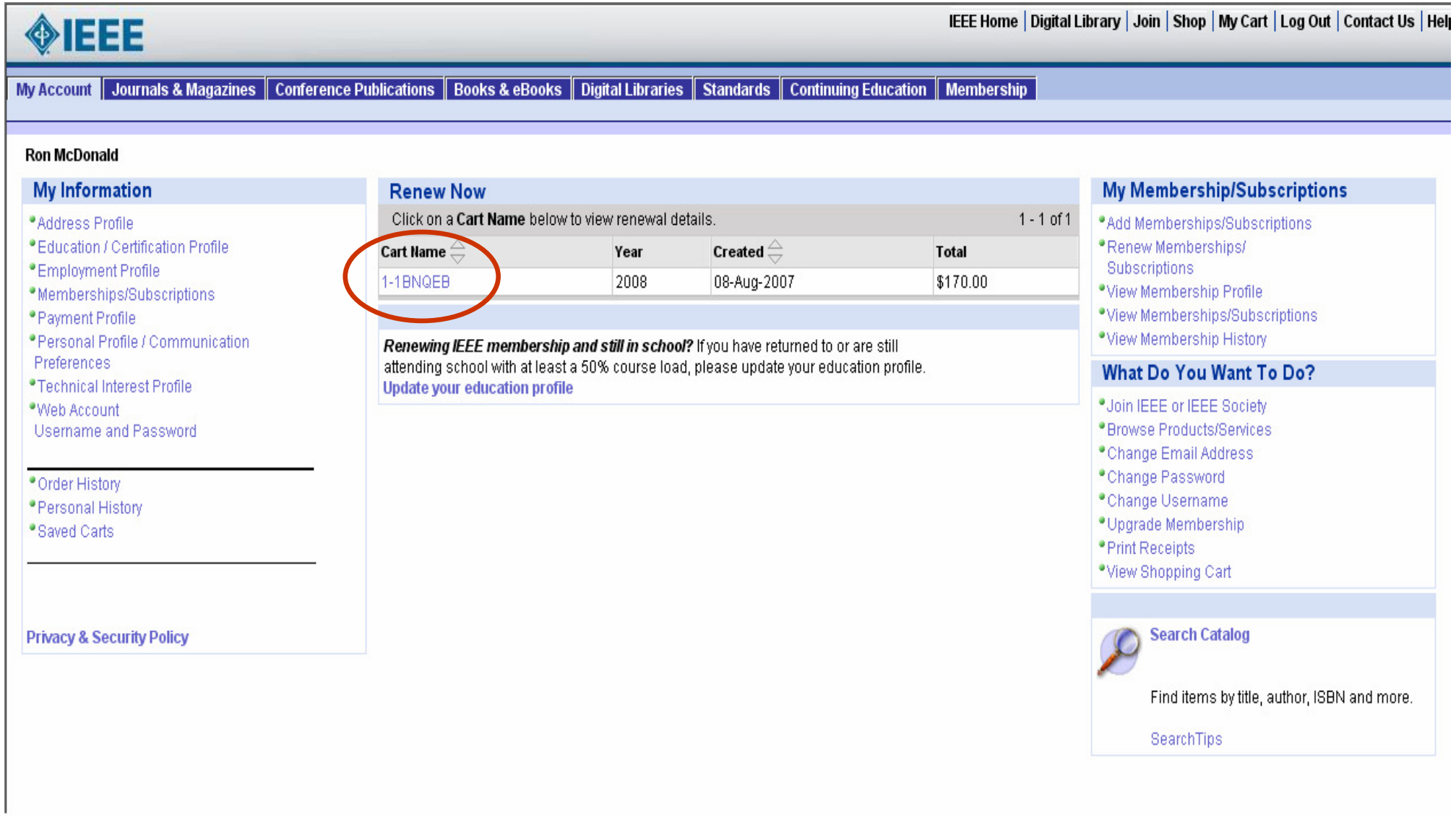
Select Renew



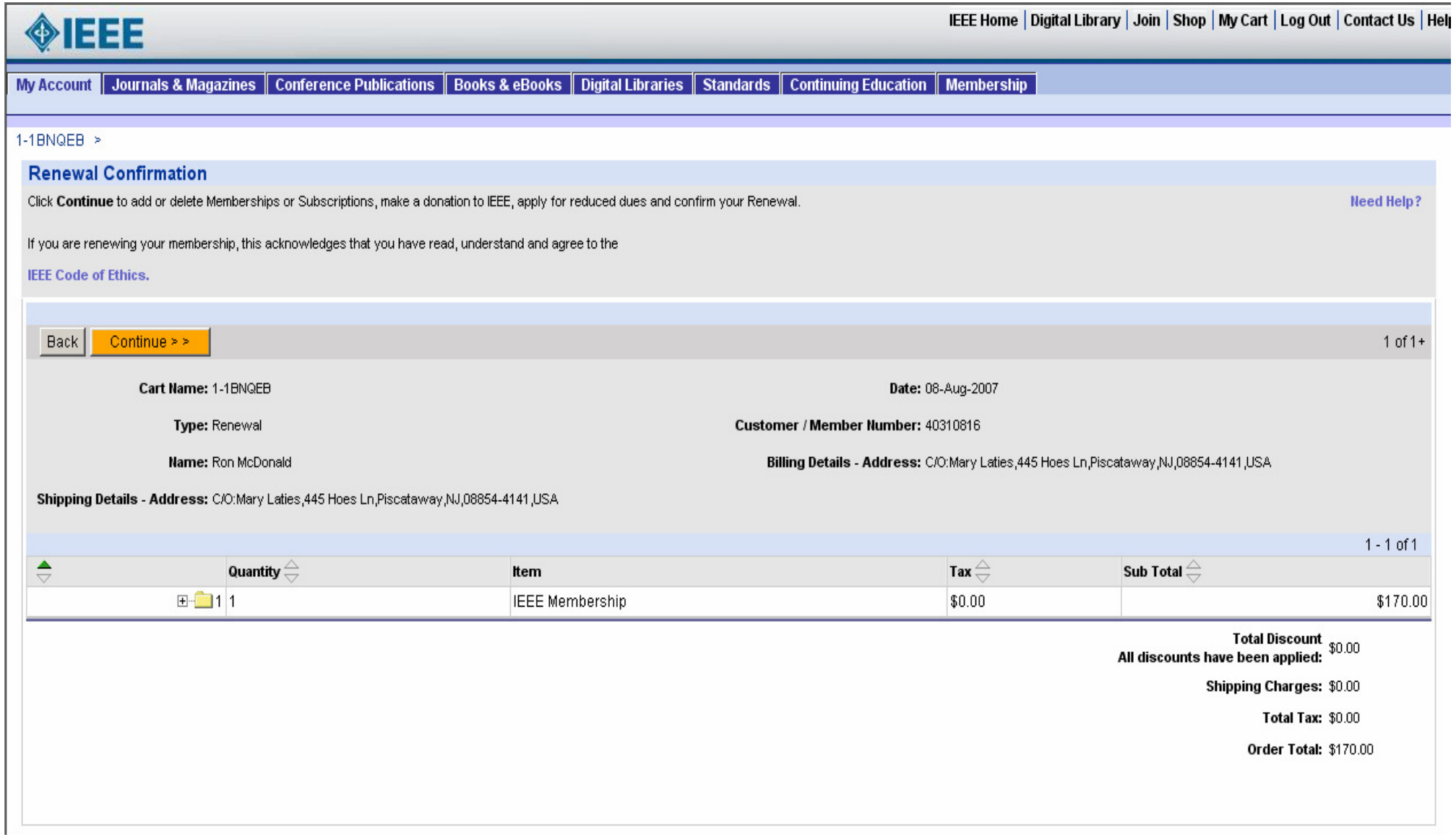
Log in to Renew



Select Renewal

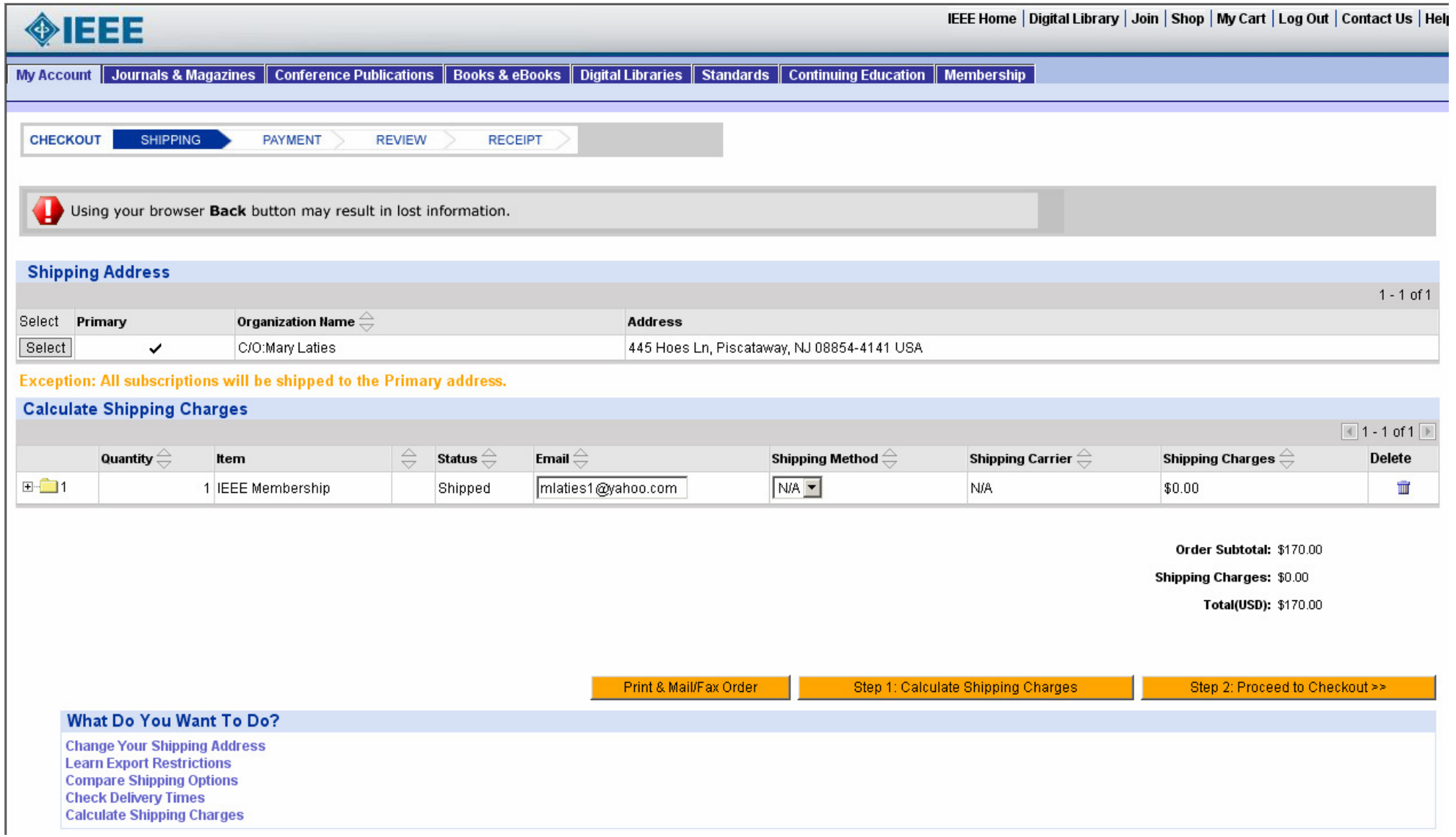


View Renewal

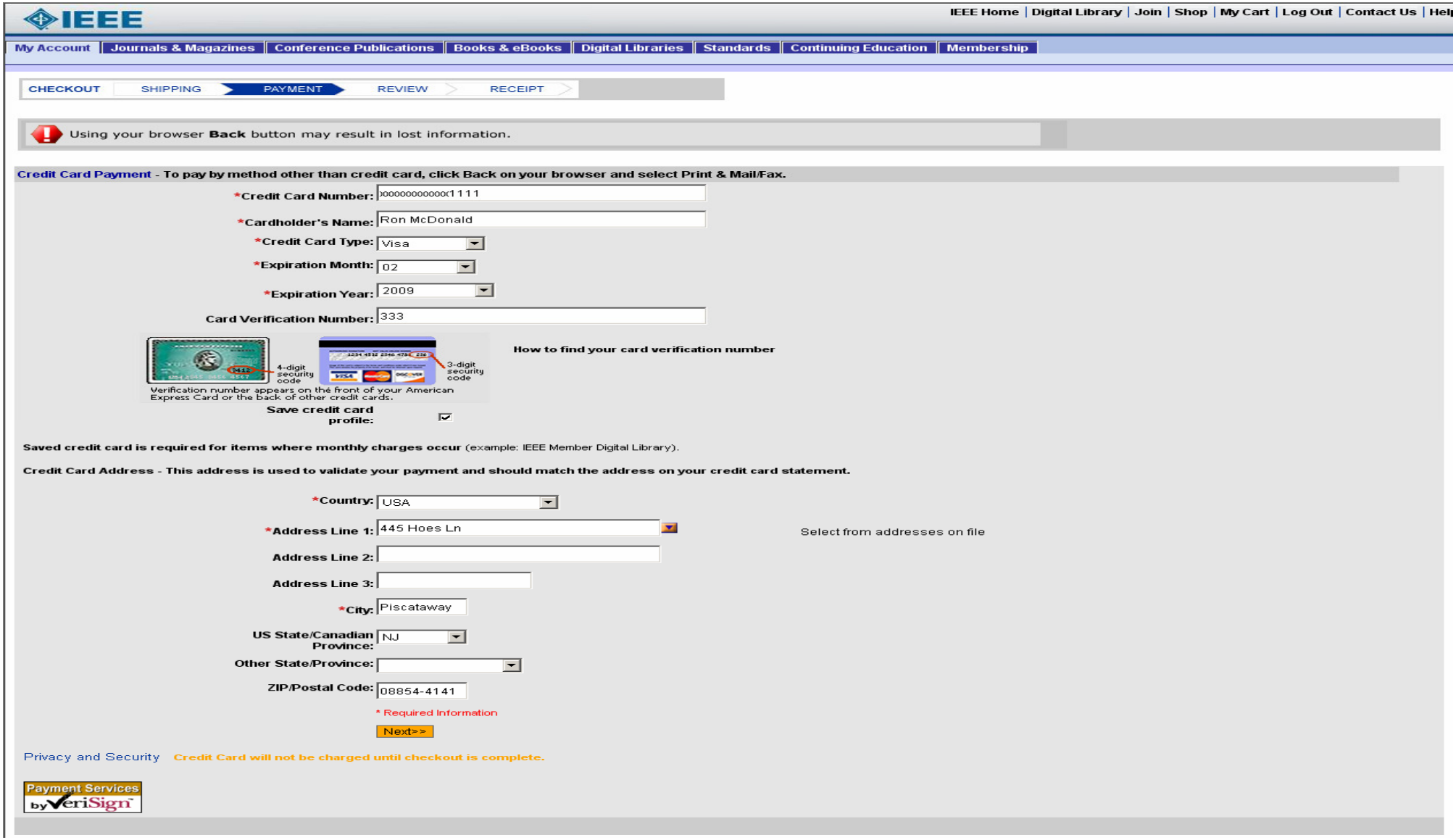


Make a donation, Join a Society etc...

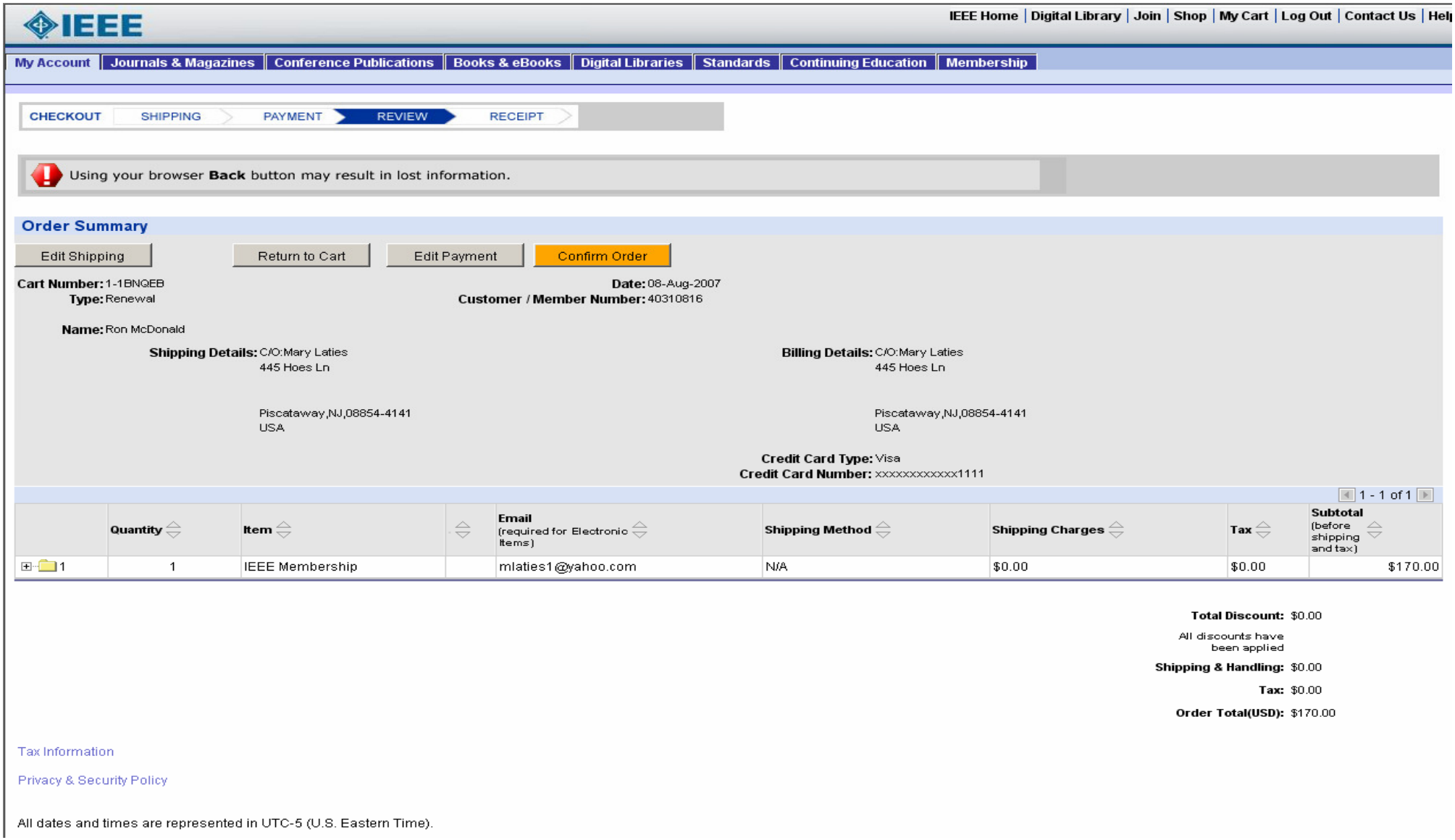
View Shipping



Enter Payment



View Order Summary



IEEE Home | Digital Library | Join | Shop | My Cart | Log Out | Contact Us | Help

My Account | Journals & Magazines | Conference Publications | Books & eBooks | Digital Libraries | Standards | Continuing Education | Membership

CHECKOUT > SHIPPING > PAYMENT > REVIEW > RECEIPT

Using your browser **Back** button may result in lost information.

Order Summary

Edit Shipping | Return to Cart | Edit Payment | Confirm Order

Cart Number: 1-1BNQEB
Type: Renewal
Date: 08-Aug-2007
Customer / Member Number: 40310816

Name: Ron McDonald

Shipping Details: C/O:Mary Laties
445 Hoes Ln
Piscataway,NJ,08854-4141
USA

Billing Details: C/O:Mary Laties
445 Hoes Ln
Piscataway,NJ,08854-4141
USA

Credit Card Type: Visa
Credit Card Number: xxxxxxxxxxxx1111

1 - 1 of 1

	Quantity	Item		Email (required for Electronic Items)	Shipping Method	Shipping Charges	Tax	Subtotal (before shipping and tax)
1	1	IEEE Membership		mlaties1@yahoo.com	N/A	$0.00	$0.00	$170.00

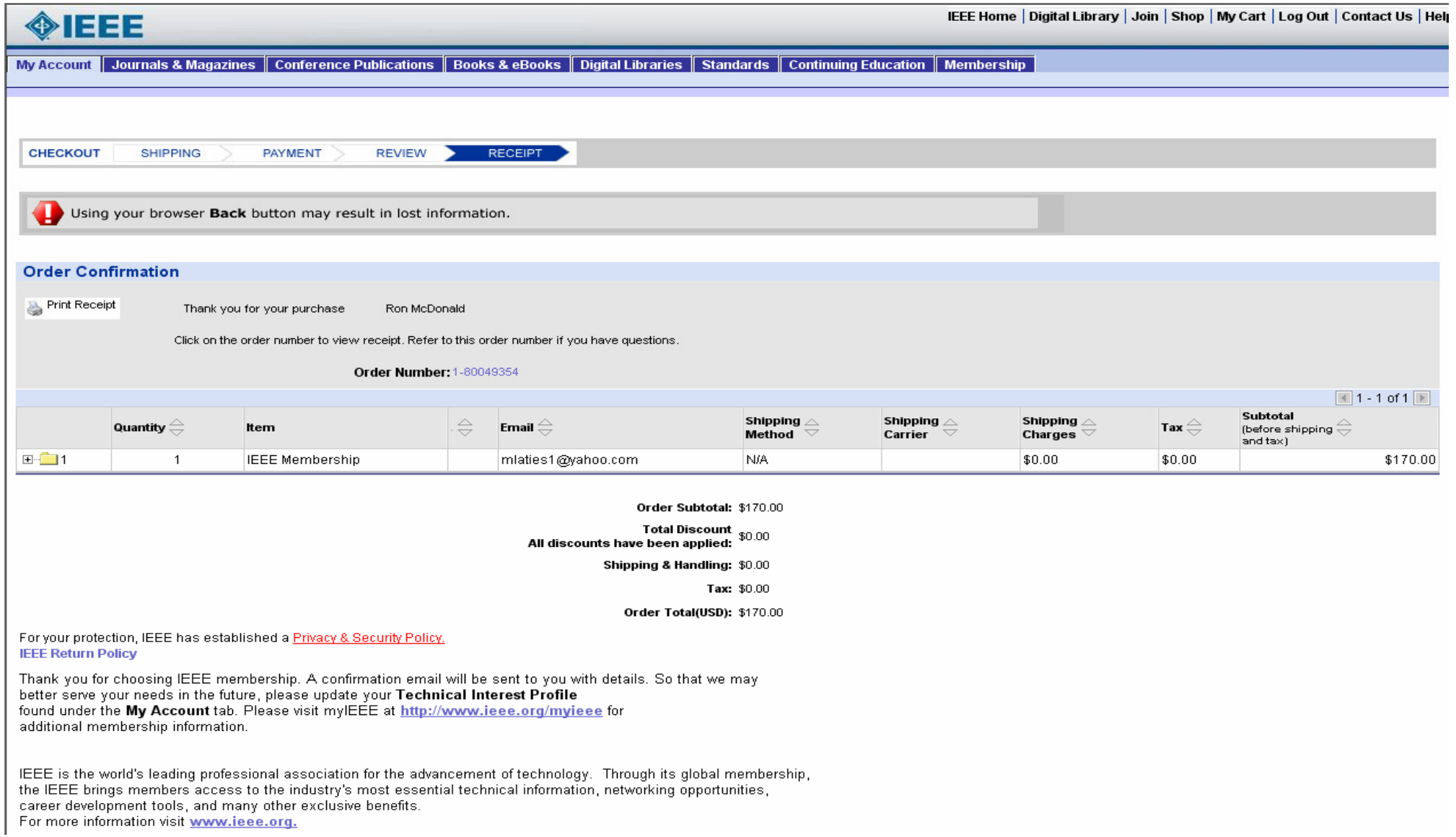
Total Discount: $0.00
All discounts have been applied
Shipping & Handling: $0.00
Tax: $0.00
Order Total(USD): $170.00

Tax Information

Privacy & Security Policy

All dates and times are represented in UTC-5 (U.S. Eastern Time).

View Confirmation



IEEE Home | Digital Library | Join | Shop | My Cart | Log Out | Contact Us | Help

My Account | Journals & Magazines | Conference Publications | Books & eBooks | Digital Libraries | Standards | Continuing Education | Membership

CHECKOUT > SHIPPING > PAYMENT > REVIEW > RECEIPT

Using your browser **Back** button may result in lost information.

Order Confirmation

Print Receipt

Thank you for your purchase Ron McDonald

Click on the order number to view receipt. Refer to this order number if you have questions.

Order Number: 1-80049354

1 - 1 of 1

	Quantity	Item		Email	Shipping Method	Shipping Carrier	Shipping Charges	Tax	Subtotal (before shipping and tax)
1	1	IEEE Membership		mlaties1@yahoo.com	N/A		$0.00	$0.00	$170.00

Order Subtotal: $170.00

Total Discount
All discounts have been applied: $0.00

Shipping & Handling: $0.00

Tax: $0.00

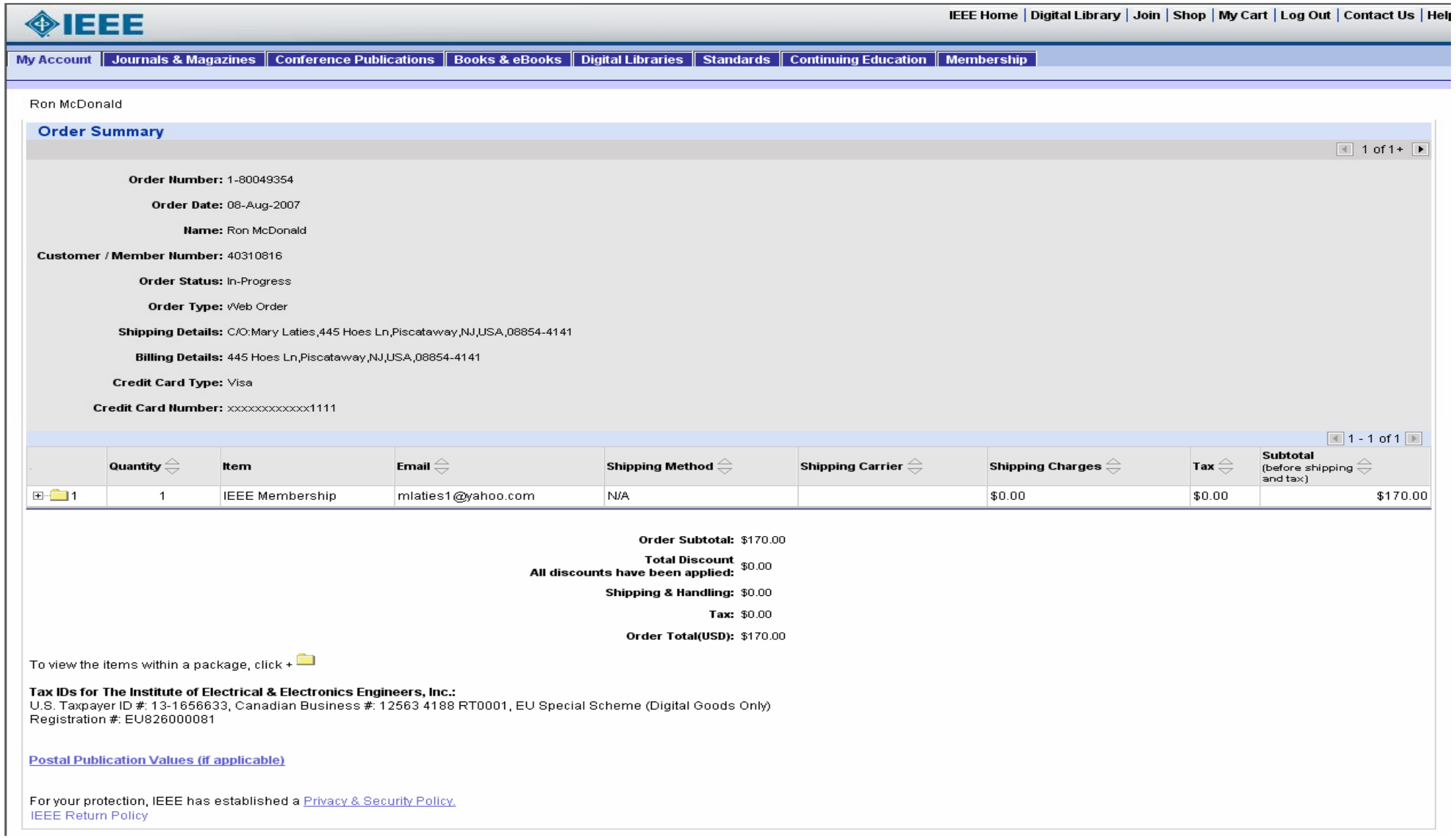
Order Total(USD): $170.00

For your protection, IEEE has established a Privacy & Security Policy.
IEEE Return Policy

Thank you for choosing IEEE membership. A confirmation email will be sent to you with details. So that we may better serve your needs in the future, please update your **Technical Interest Profile** found under the **My Account** tab. Please visit myIEEE at http://www.ieee.org/myieee for additional membership information.

IEEE is the world's leading professional association for the advancement of technology. Through its global membership, the IEEE brings members access to the industry's most essential technical information, networking opportunities, career development tools, and many other exclusive benefits.
For more information visit www.ieee.org.

View/Print Receipt



IEEE Home | Digital Library | Join | Shop | My Cart | Log Out | Contact Us | Help

My Account | Journals & Magazines | Conference Publications | Books & eBooks | Digital Libraries | Standards | Continuing Education | Membership

Ron McDonald

Order Summary

1 of 1+

Order Number: 1-80049354
Order Date: 08-Aug-2007
Name: Ron McDonald
Customer / Member Number: 40310816
Order Status: In-Progress
Order Type: Web Order
Shipping Details: C/O:Mary Laties,445 Hoes Ln,Piscataway,NJ,USA,08854-4141
Billing Details: 445 Hoes Ln,Piscataway,NJ,USA,08854-4141
Credit Card Type: Visa
Credit Card Number: xxxxxxxxxxxx1111

1 - 1 of 1

	Quantity	Item	Email	Shipping Method	Shipping Carrier	Shipping Charges	Tax	Subtotal (before shipping and tax)
1	1	IEEE Membership	mlaties1@yahoo.com	N/A		$0.00	$0.00	$170.00

Order Subtotal: $170.00
Total Discount All discounts have been applied: $0.00
Shipping & Handling: $0.00
Tax: $0.00
Order Total(USD): $170.00

To view the items within a package, click +

Tax IDs for The Institute of Electrical & Electronics Engineers, Inc.:
U.S. Taxpayer ID #: 13-1656633, Canadian Business #: 12563 4188 RT0001, EU Special Scheme (Digital Goods Only)
Registration #: EU826000081

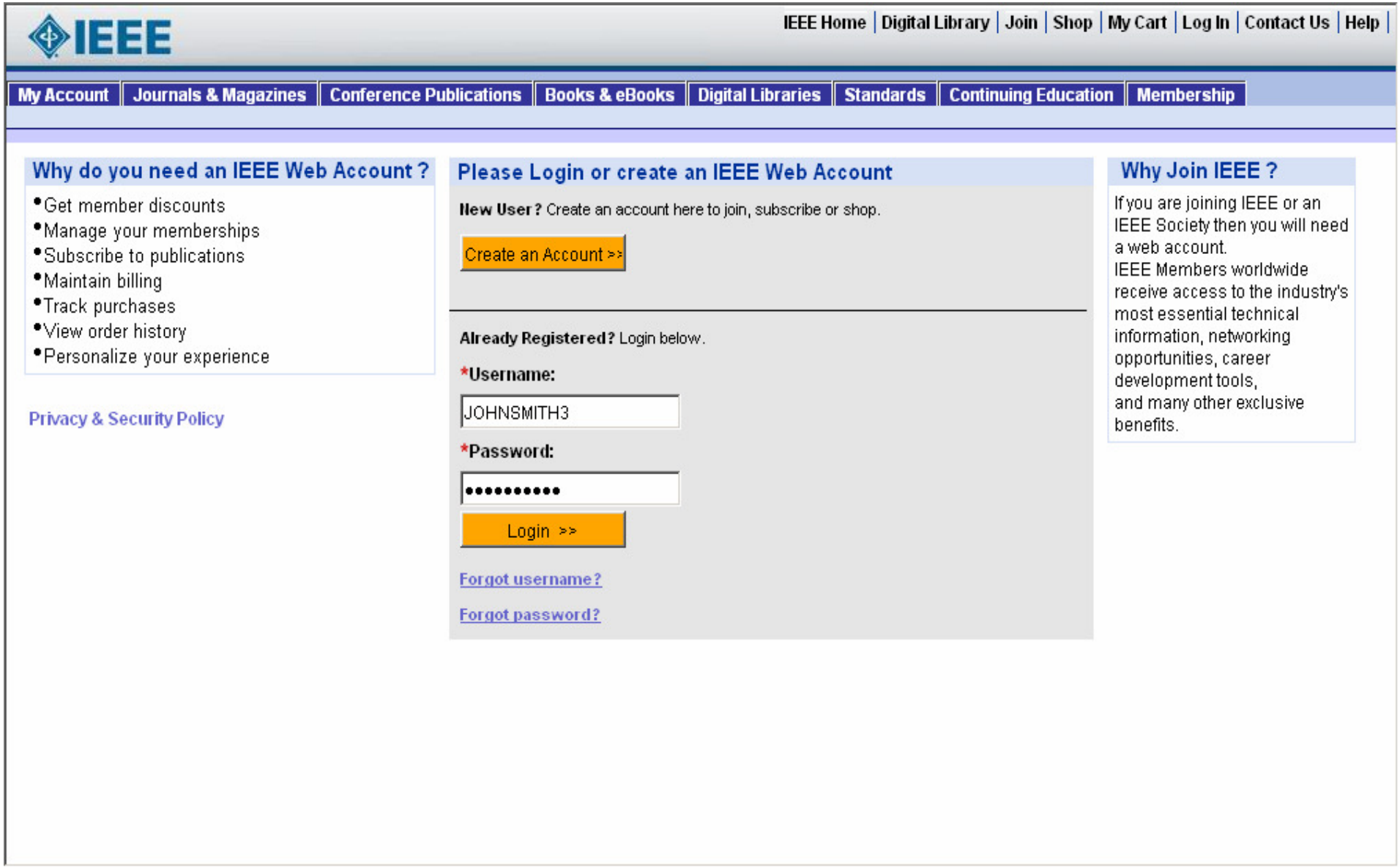
Postal Publication Values (if applicable)

For your protection, IEEE has established a Privacy & Security Policy.
IEEE Return Policy

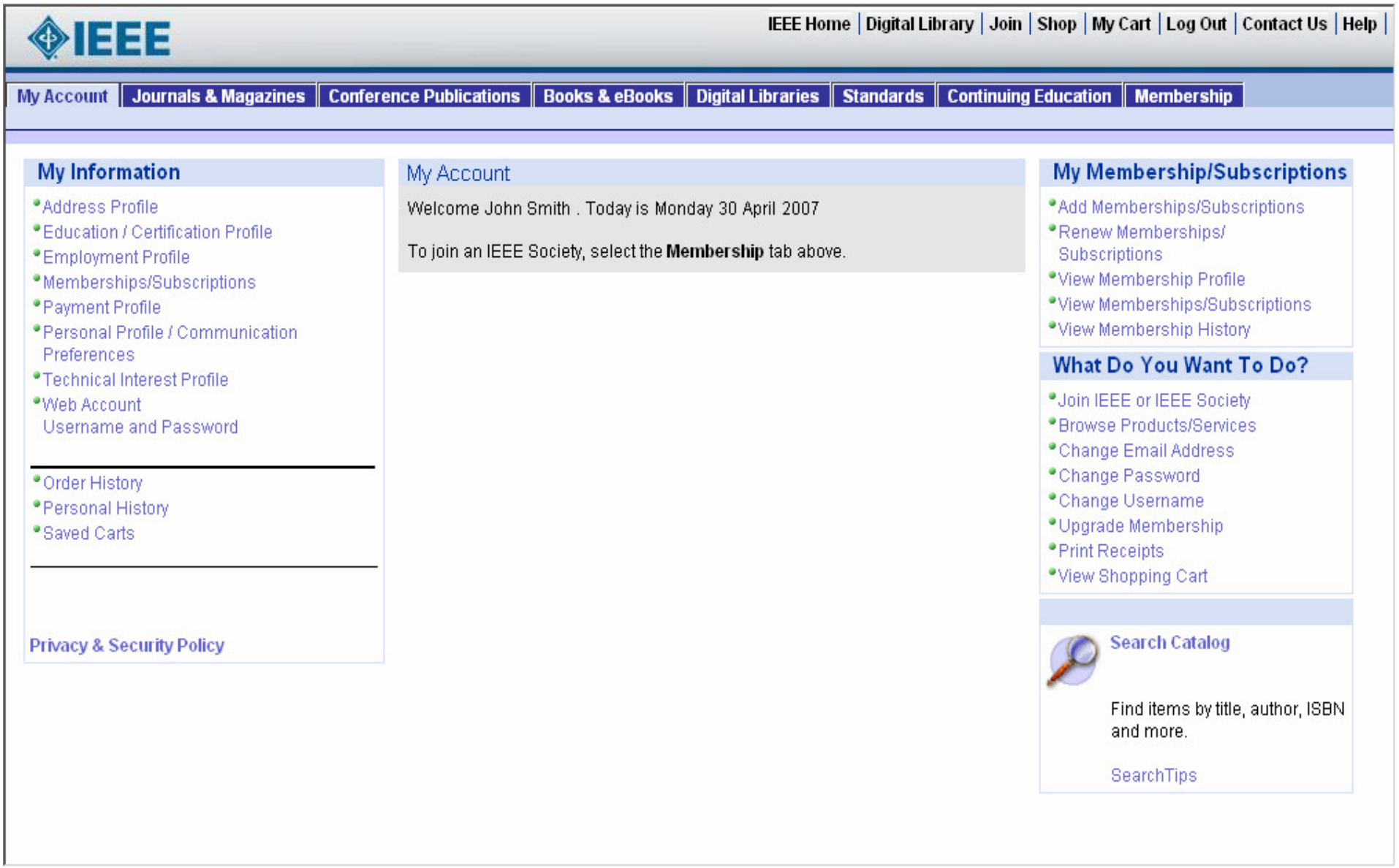
My Account

Maintain Address, Email Address, TIPS, Credit Card Information, Education and more

Log in with Web Account



My Account Home Page



How BMS helps Volunteers

(Analytics)

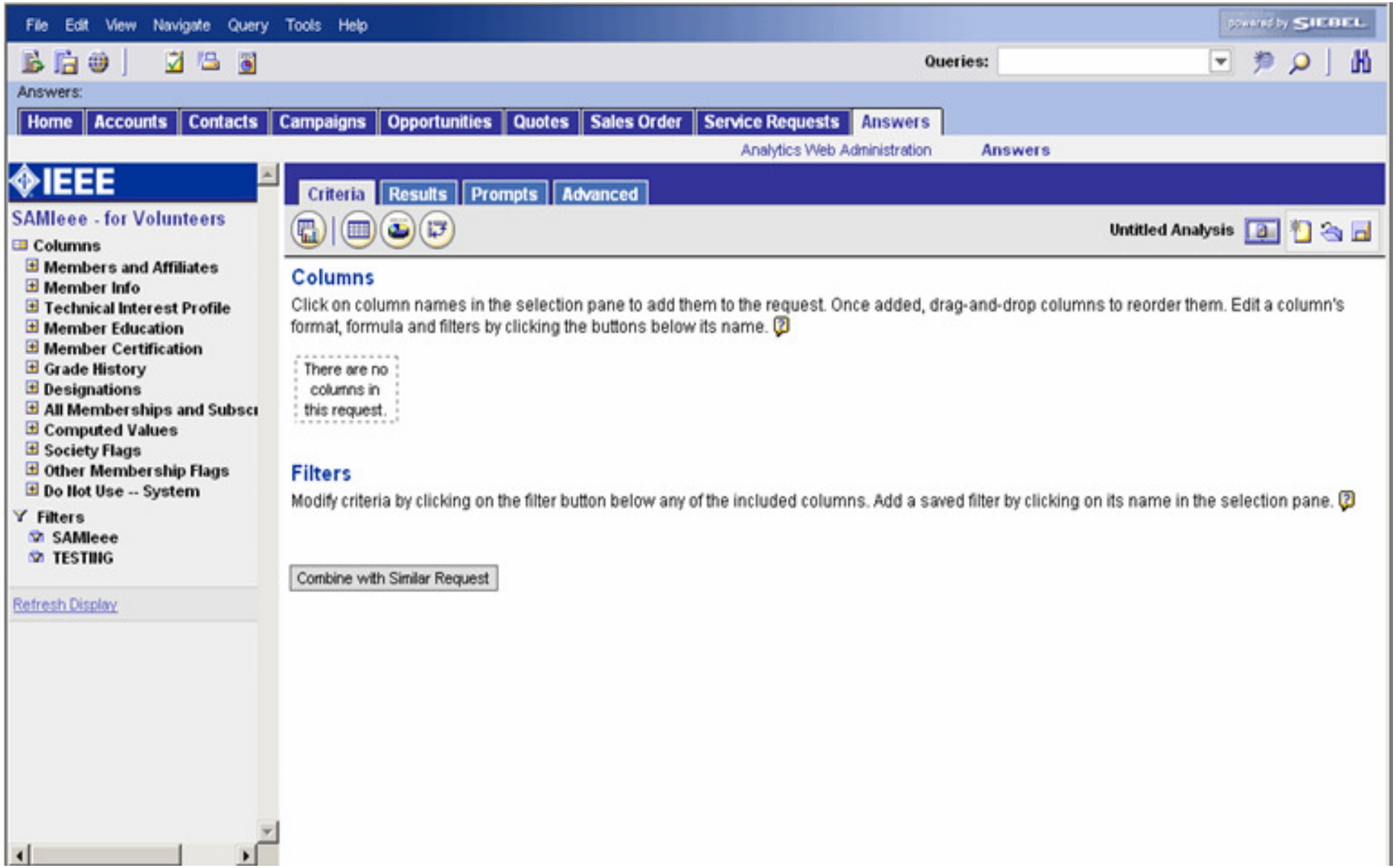
- SAMIEEE will be delivered through new Analytics engine
- Geographical Membership Statistics

SAMIEEE

- Enhanced Graphical User Interface
- View multiple representations in one report (e.g., data & graphs)
- See membership statistics, month to month and year to year
- Data refreshed three times a week and no refresh down time
- All data available currently in SAMIEEE will be available in BMS

SAMIEEE – for Volunteers

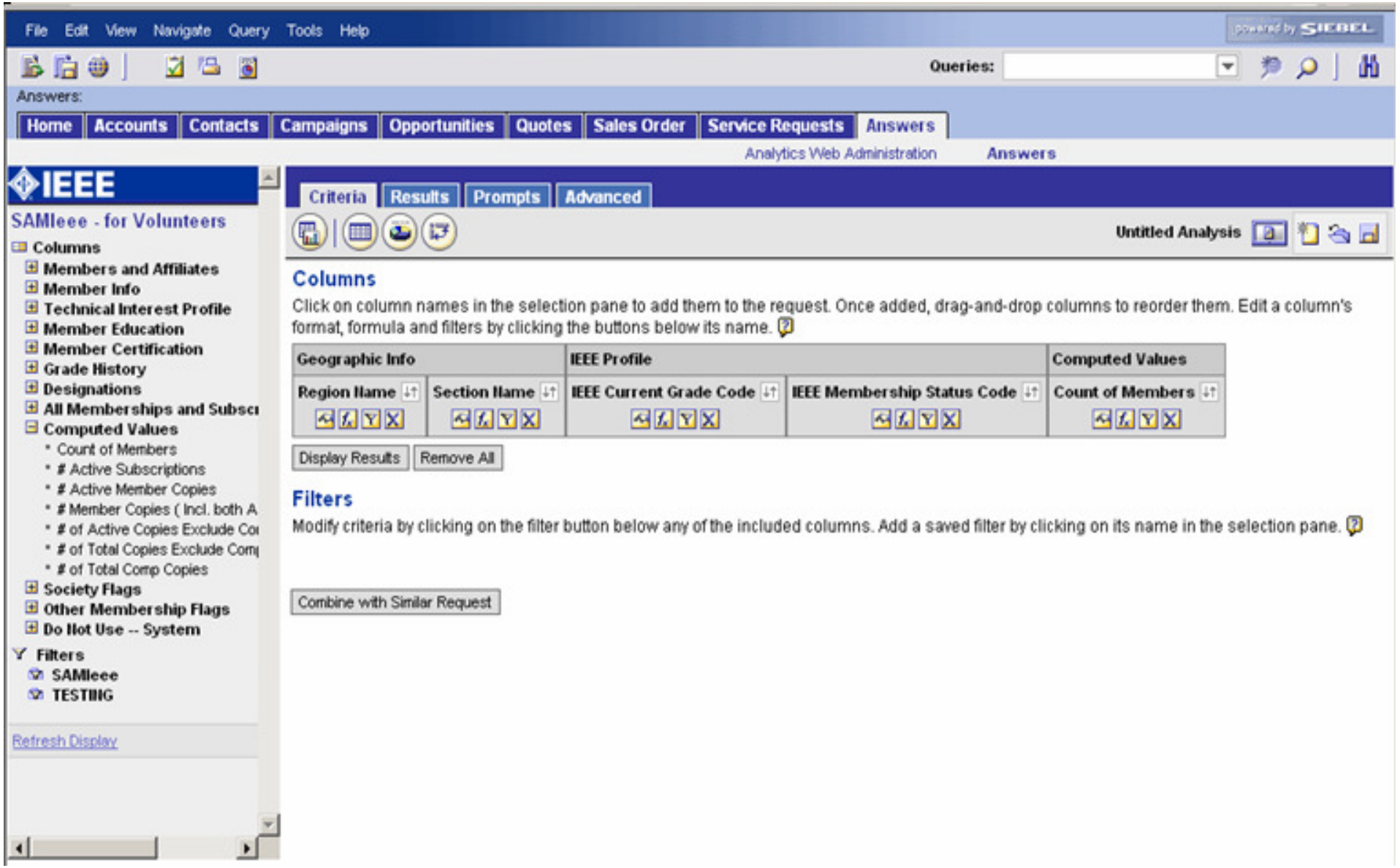
Replaces the Member Universe



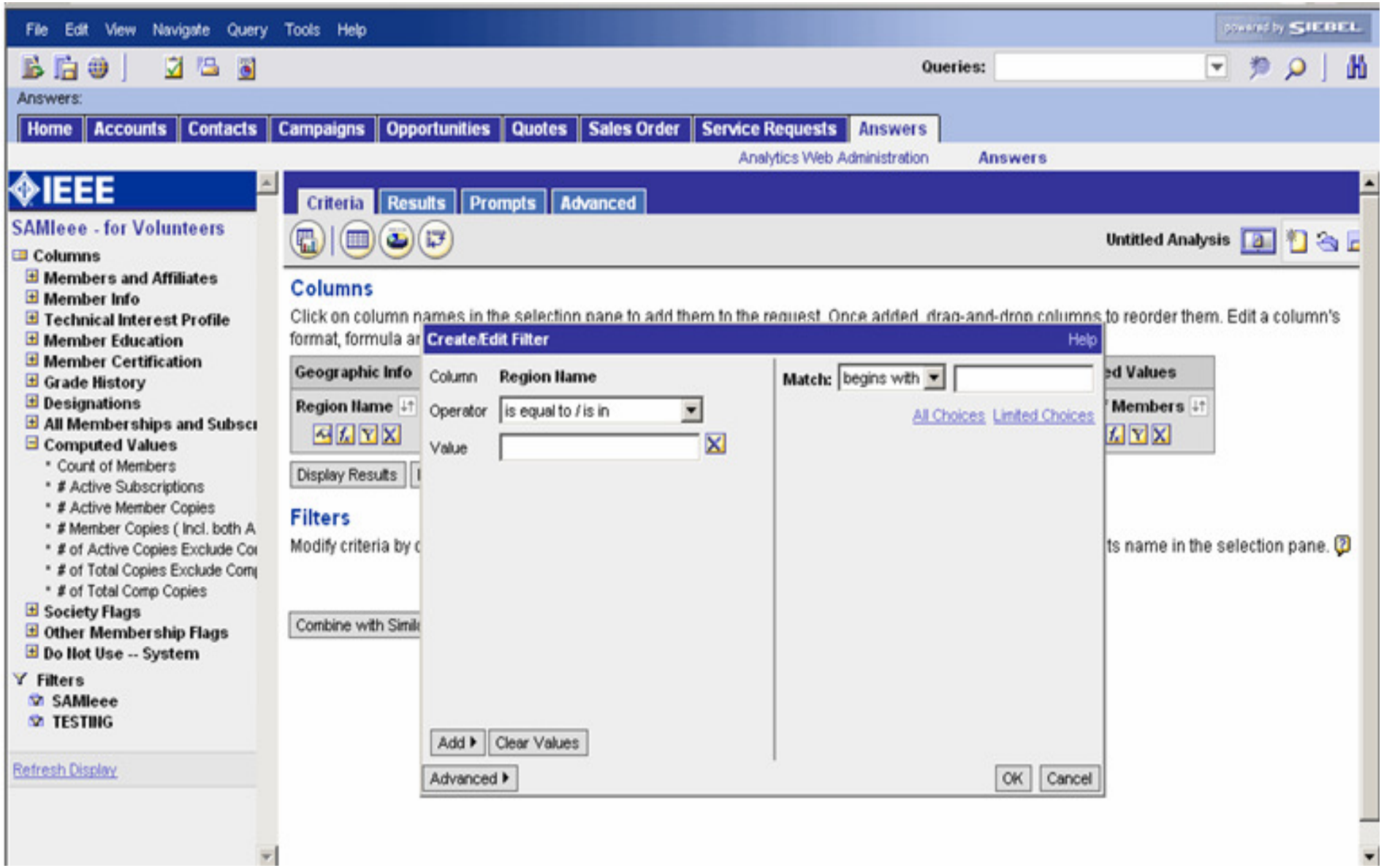
SAMIEEE

- To the left are folders that contain the individual fields used in the queries
- To the right “Criteria” tab is where users set their fields and conditions for the queries.
- The fields are selected by opening a folder and clicking on the desired field. Fields appear under the Columns heading.
- Once all fields necessary are selected, a user places “conditions” on appropriate fields thereby creating a filter.

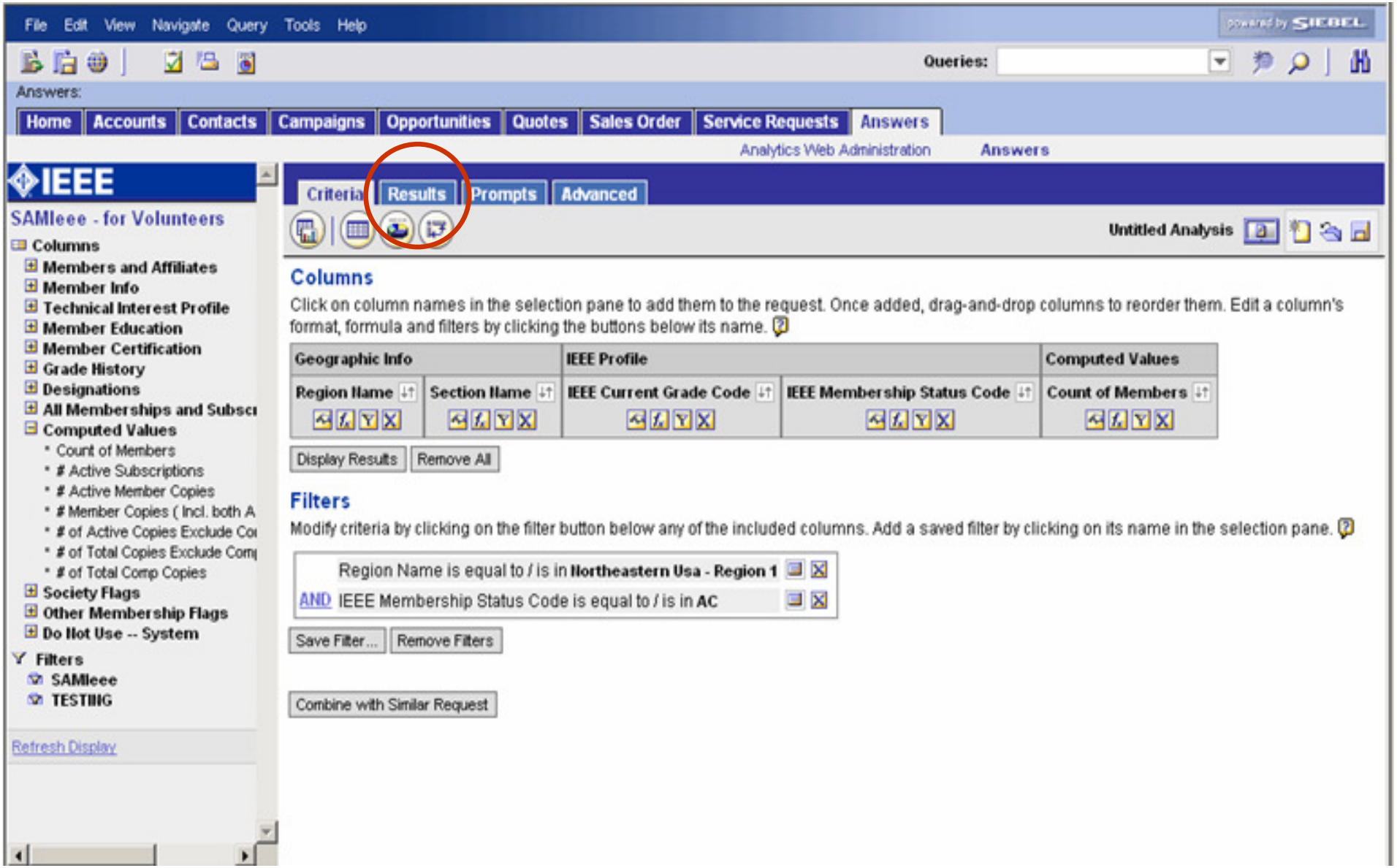
SAMIEEE


File Edit View Navigate Query Tools Help
Queries:
Answers:
Home Accounts Contacts Campaigns Opportunities Quotes Sales Order Service Requests Answers
Analytics Web Administration Answers
IEEE
SAMIeee - for Volunteers
Columns
Members and Affiliates
Member Info
Technical Interest Profile
Member Education
Member Certification
Grade History
Designations
All Memberships and Subscr
Computed Values
* Count of Members
* # Active Subscriptions
* # Active Member Copies
* # Member Copies (Incl. both A
* # of Active Copies Exclude Co
* # of Total Copies Exclude Com
* # of Total Comp Copies
Society Flags
Other Membership Flags
Do Not Use -- System
Filters
SAMIeee
TESTBIG
Refresh Display
Criteria Results Prompts Advanced
Untitled Analysis
Columns
Click on column names in the selection pane to add them to the request. Once added, drag-and-drop columns to reorder them. Edit a column's format, formula and filters by clicking the buttons below its name.
Geographic Info
IEEE Profile
Computed Values
Region Name
Section Name
IEEE Current Grade Code
IEEE Membership Status Code
Count of Members
Display Results
Remove All
Filters
Modify criteria by clicking on the filter button below any of the included columns. Add a saved filter by clicking on its name in the selection pane.
Combine with Similar Request

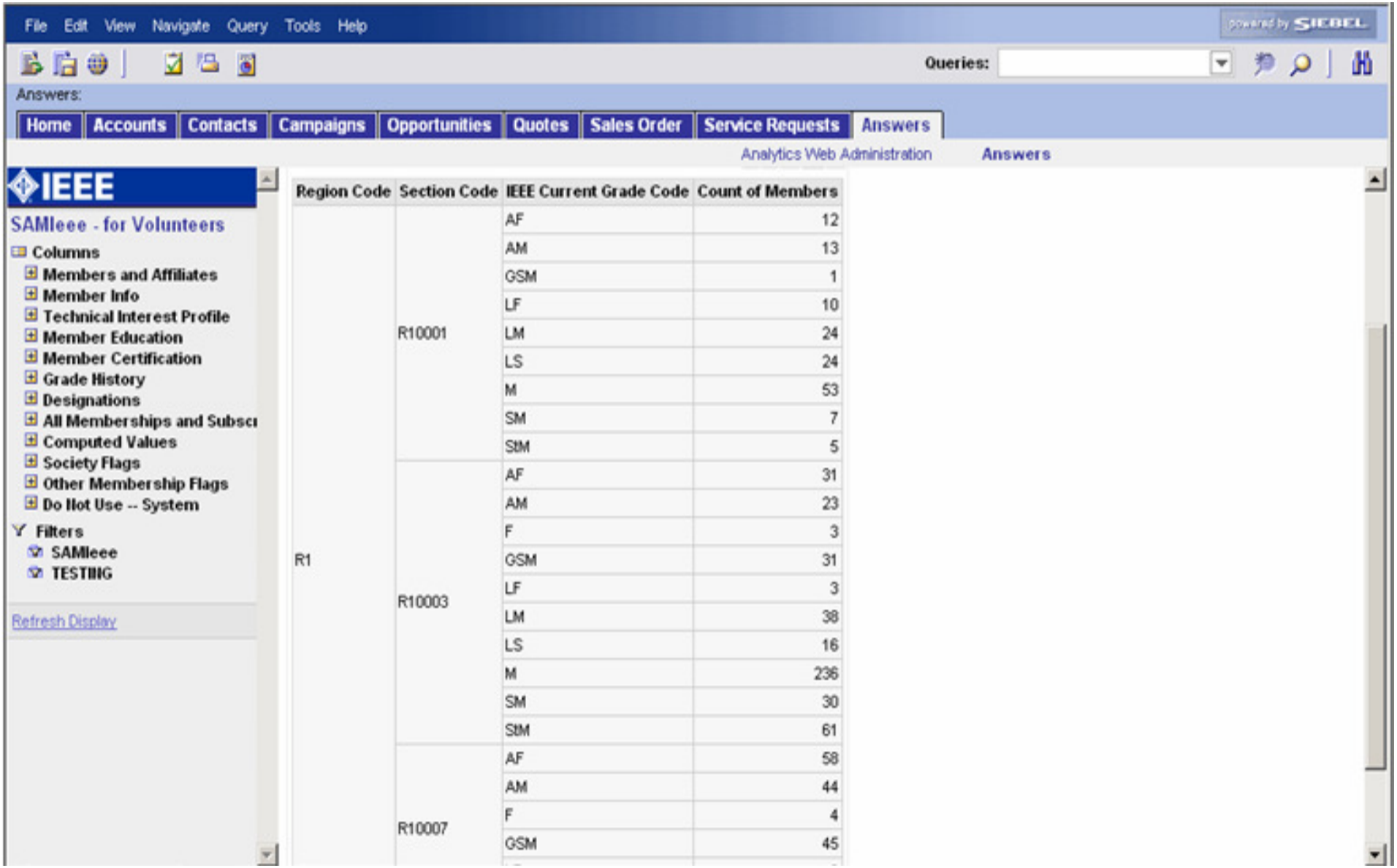
User applies filter



Click “Results”

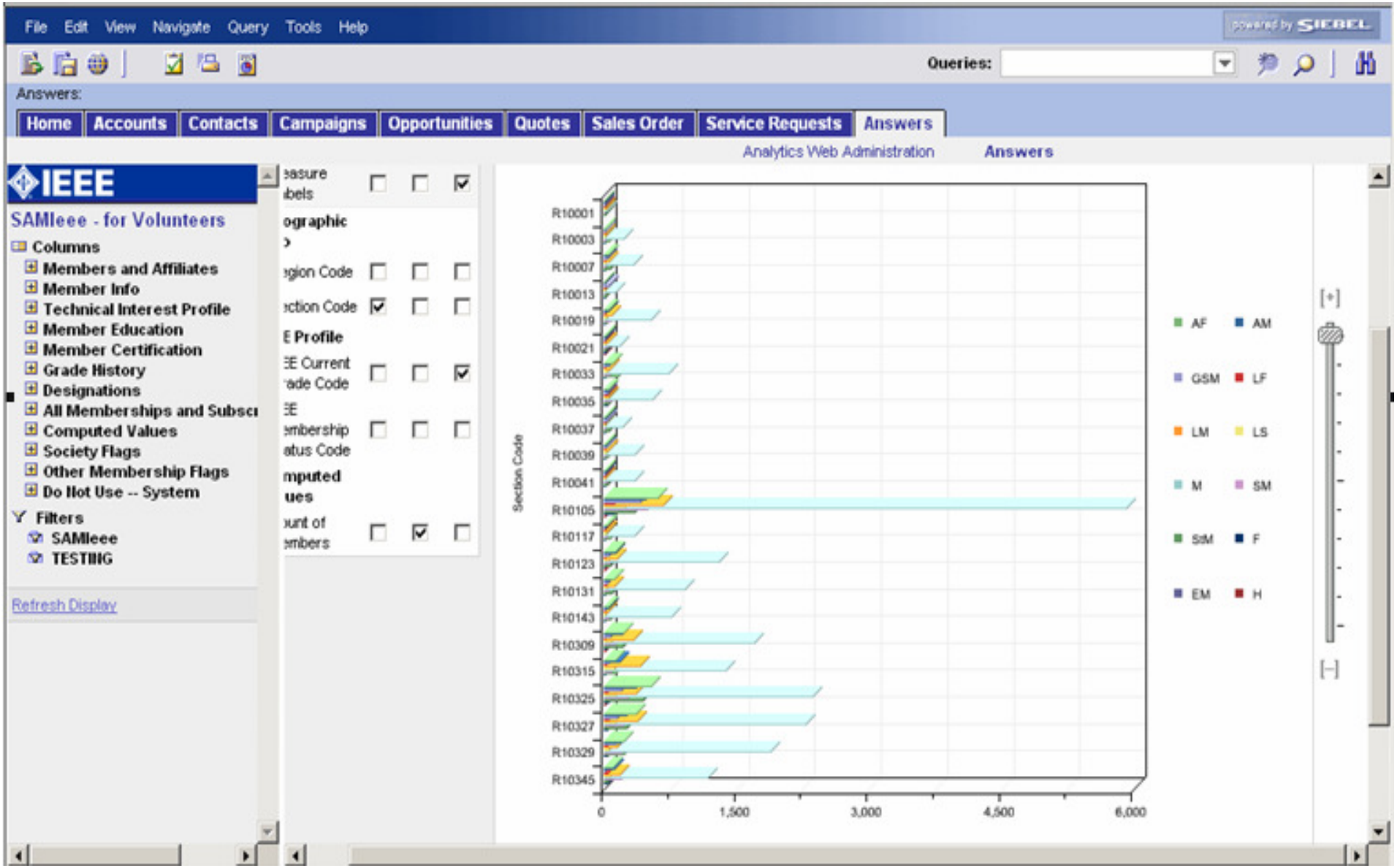


View and Save Results

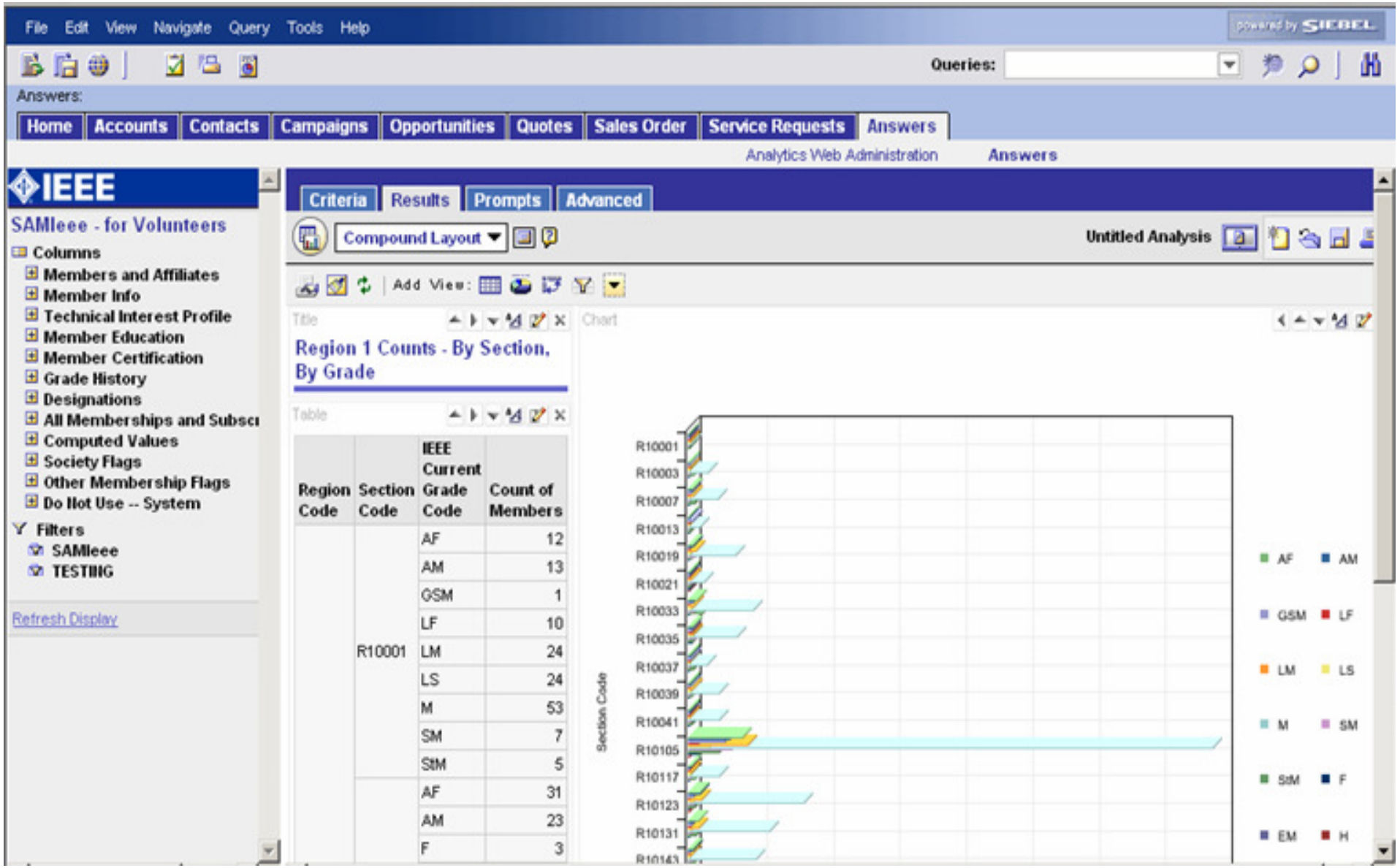


Region Code	Section Code	IEEE Current Grade Code	Count of Members
R1	R10001	AF	12
		AM	13
		GSM	1
		LF	10
		LM	24
		LS	24
		M	53
		SM	7
		StM	5
	R10003	AF	31
		AM	23
		F	3
		GSM	31
		LF	3
		LM	38
		LS	16
		M	236
		SM	30
		StM	61
	R10007	AF	58
		AM	44
		F	4
		GSM	45

Results can be saved as graph



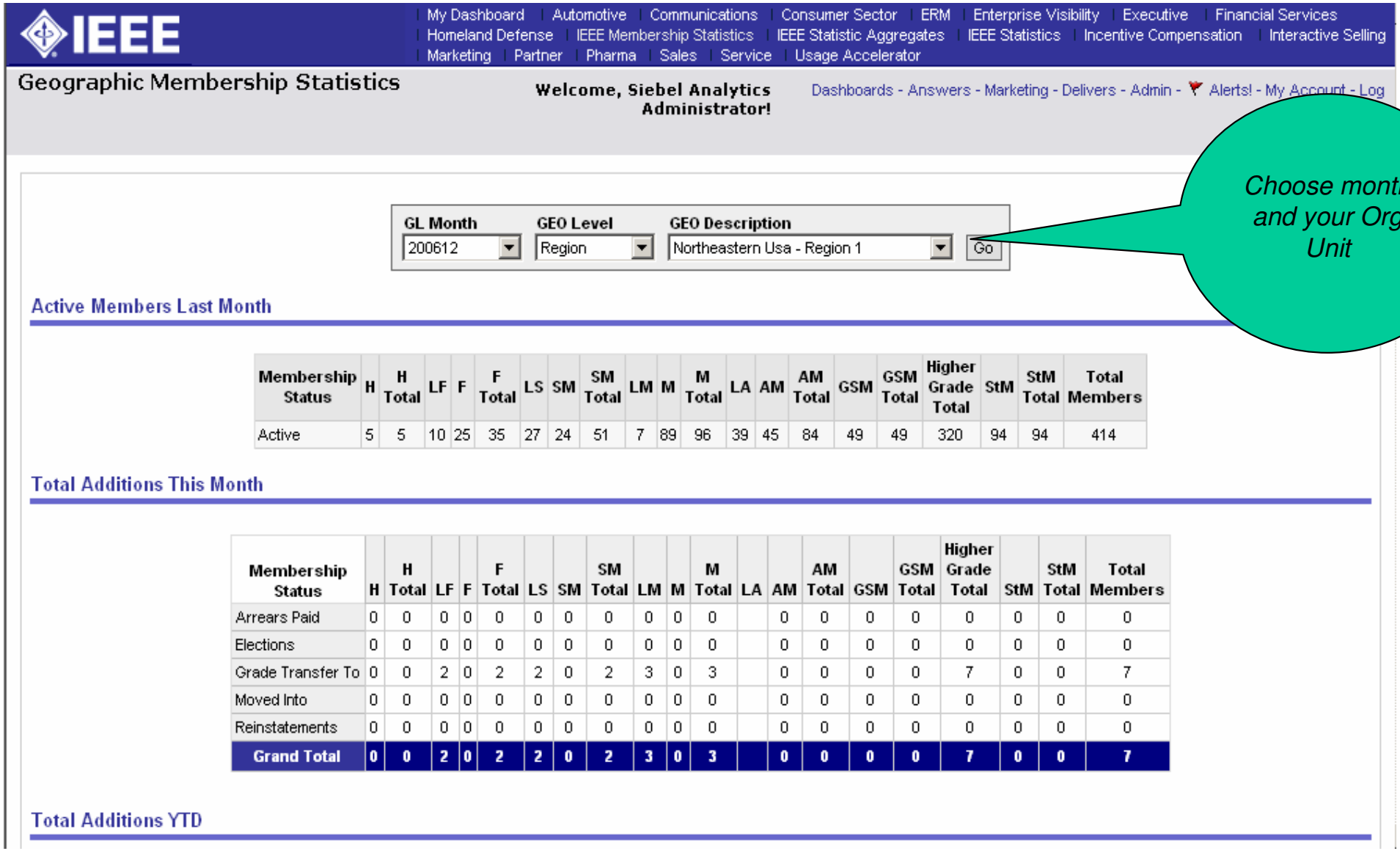
Graph can be combined with Report



Results Output Options

- Excel
- csv
- html

Geographic Membership Statistics available within SAMIEEE



IEEE | My Dashboard | Automotive | Communications | Consumer Sector | ERM | Enterprise Visibility | Executive | Financial Services | Homeland Defense | IEEE Membership Statistics | IEEE Statistic Aggregates | IEEE Statistics | Incentive Compensation | Interactive Selling | Marketing | Partner | Pharma | Sales | Service | Usage Accelerator

Geographic Membership Statistics

Welcome, Siebel Analytics Administrator!

Dashboards - Answers - Marketing - Delivers - Admin - Alerts! - My Account - Log

GL Month: 200612 | GEO Level: Region | GEO Description: Northeastern Usa - Region 1 | Go

Choose month and your Org Unit

Active Members Last Month

Membership Status	H	H Total	LF	F	F Total	LS	SM	SM Total	LM	M	M Total	LA	AM	AM Total	GSM	GSM Total	Higher Grade Total	StM	StM Total	Total Members
Active	5	5	10	25	35	27	24	51	7	89	96	39	45	84	49	49	320	94	94	414

Total Additions This Month

Membership Status	H	H Total	LF	F	F Total	LS	SM	SM Total	LM	M	M Total	LA	AM	AM Total	GSM	GSM Total	Higher Grade Total	StM	StM Total	Total Members
Arrears Paid	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Elections	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Grade Transfer To	0	0	2	0	2	2	0	2	3	0	3		0	0	0	0	7	0	0	7
Moved Into	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Reinstatements	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Grand Total	**0**	**0**	**2**	**0**	**2**	**2**	**0**	**2**	**3**	**0**	**3**		**0**	**0**	**0**	**0**	**7**	**0**	**0**	**7**

Total Additions YTD

SAMIEEE Training

- Coming in November 2007
- Includes:
  - All Section Chairs, Vice Chairs, Secretary, Treasurer, MD Chair, Chapter Chairs and designated SAMIEEE recipients.

ieee.org/r8

Scope

Showroom of Region 8 and its committee(s) !

- For non-members: provide useful information about the IEEE
- For members: detailed information and contacts, publicity tool
- For committee members: collaborative content management, publicity tool, extra services such as online registration, repository

Some facts

- 74,391 pages visited per day
- 3.09 gigabytes of data transferred from the server per day
- 342 people registered
- 23 authors
- 43 news items

Some facts

Most popular items
Membership Activities
Professional Activities
Life Members
History Activities
Sections and Subsections
Committee and Contacts
Membership development
GOLD (Graduate of the Last Decade)
Documents & Bylaws
Women In Engineering

Technically

- Joomla based installation
- Home-made Joomla based template (publicly available)
- Many extensions…

Registration process

- Everybody can register !!
- Authorized people are granted higher privileges manually to:
  - Access (sub-)committee-only documents
  - Update the contents

Crash-courses !!

(on using r8web)

How to post a front-page item ?

ieee.org/r8 networking people

Submitting news items

ieee.org/r8 networking people

After reviewing

How to add a calendar item ?

ieee.org/r8 networking people

Submitting calendar items

How to download the agenda book ?

Demo !!

How to update content

ieee.org/r8 networking people

Editing the pages you are responsible for

Online registration

- First time use for this meeting
- Some people have experienced some difficulty: easier process next meeting ;-)

I have already forgotten everything

- Online video tutorials
- This presentation is online

Mailing lists and other (free) services

Mailing lists

- r8opcom@ieee.org
- r8committee@ieee.org
- r8meeting@ieee.org
- r8ma@ieee.org
- r8ta@ieee.org
- r8sac@ieee.org
- r8gold@ieee.org
- r8web@ieee.org
- r8webmaster@ieee.org
- histelcon@ieee.org
- r8history@ieee.org

Mailing lists – creation process

- Choose a name *whatever*@ieee.org
- Send me an e-mail (thomas.watteyne@ieee.org) with:
  - the name of your list
  - Its purpose
  - Your e-mail (used for administration)
- List creation takes about 3-4 days

Mailing lists – administration

- Go to listserv.ieee.org
- Create an account with your e-mail address

- Administration issues:
  - add/remove users
  - Who can post to the list ?
  - Who can register to the list ?
  - Setting for attachments
  - Who to notify in case new users join/leave ?
  - List moderation

- Questions ?
  postmaster@ieee.org TBC

Website hosting

- This service is free for most IEEE-related websites: sections, student branches, conferences etc.
- Hosted directly on the EWH IEEE servers in New York
- Possibility to create an alias
  e.g. http://www. ieee.org/r8 points to
  http://ewh.ieee.org/reg/8/cms

Website hosting – how to ?

- Send me an e-mail (thomas.watteyne@ieee.org)
- Your hard-disk space, URL and MySQL database are created
- Facilities
  - ftp access to your files
  - PHP/MySQL enabled
  - PHPMyAdmin database administration

Website hosting – how to ?

- Download Joomla from www.joomla.org
- Upload the files via ftp
- Connect to you site
- Install Joomla
- Download the IEEE template from ewh.ieee.org/templates.html
- Customised your template
- Install the template using the Joomla admin interface
- Create your alias

Questions? Comments?

365/7/24

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ieee.org/r8