

## TECHNOLOGY NAVIGATOR ADMINISTRATIVE INTERFACE

[http://www.ieee.org/go/ta\\_tagging](http://www.ieee.org/go/ta_tagging)

The following screen captures are designed to provide an overview of the new Administrative Interface. When the Interface is available, users will have the option to view a video that will demonstrate its use in greater detail.

1. S/C volunteers log in with provided user name & password.

The screenshot shows the 'Admin Login' section of the IEEE Technical Activities Technology Navigator. It includes a header with the IEEE logo and 'Technical Activities' text. The main heading is 'Admin Login'. Below this, there are two input fields: 'User Name:' with the value 'COM' and 'Password:' with masked characters '\*\*\*\*\*'. A link 'Forget your password?' is present below the password field. At the bottom left of the login area is an 'Ok' button.

2. S/C default view is a table of S/C Resources – conferences, publications, and standards. The table is sort-able by each header category. Resources that should be completed to provide starter data are Priority = "yes". In this case "yes" is defined as last three years of activities regarding S/C Resources. You are encouraged to do more.

The screenshot shows the 'Control Systems (CS) Society' page. It has a header with the IEEE logo, 'Technical Activities', and 'Technology Navigator'. A top bar indicates 'Logged in as soc | Log Out'. Below the header, there are links for 'Home' and 'Change Password'. The main heading is 'Control Systems (CS) Society'. There are two tabs: 'Manage this Society's Resources (223)' (selected) and 'Manage this Society's Tags (21)'. Below the tabs, there is a 'Page:' indicator with links 1, 2, 3, 4, 5. The main content is a table with the following columns: Resource Name, ID, Resource Type, URL, Tags, Societies, Priority, and Description. The table contains five rows of conference data.

Resource Name [?] ▲ ▼ <small>Click resource to edit</small>	ID [?] ▲ ▼	Resource Type [?] ▲ ▼	URL [?] ▲ ▼	Tags [?] ▲ ▼	Societies [?] ▲ ▼	Priority [?] ▲ ▼	Description [?] ▲ ▼
<a href="#">SICE 2007 - 46th Annual Conference of the Society of Instrument and Control Engineers of Japan</a>	12822	Conference			CS	yes	
<a href="#">2008 Mediterranean Conference on Control &amp; Automation (MED 2008)</a>	13230	Conference			CS	yes	
<a href="#">2008 International Workshop on Variable Structure Systems (VSS 2008)</a>	12940	Conference			CS	yes	
<a href="#">2008 IEEE Multi-Conference on Systems and Control (MSC)</a>	13297	Conference			CS	yes	
<a href="#">2008 Chinese Control and Decision Conference (CCDC)</a>	13296	Conference			CS	yes	

3. Editing any S/C Resource allows an S/C representative to modify the description, web link (URL) and associated tags for the resource. Mapping at least one Associated Tag ensures that the resource appears in the Technology Navigator display.

**IEEE Technical Activities Technology Navigator** Logged in as soc | Log Out

Home Change Password

### Edit Resource

**Resource Name** [?]: 2008 IEEE Multi-Conference on Systems and Control (MSC)

**Resource Type** [?]: Conference

**ID** [?]: 13297

**Description** [?]: The MSC gathers 3 CSS conferences: CCA: new research results in control applications, promoting and encouraging industrial participation; CACSD: new developments of algorithms, software tools and interfaces to be used as enabling technologies in control engineering; and ISIC: innovative control algorithms, developed by emulating certain characteristics of intelligent biological systems.

**URL** [?]: <http://conferenze.dei.polimi.it/msc08/>

**Tags** [?]: Associate Tags with this Resource:

**Societies** [?]:

**Priority to tag** [?]:

**Society Tags:**

- ☐ Active Vibration Control
- ☐ Aerospace Control
- ☐ Aerospace Controls
- ☐ Automotive Control
- ☐ Industrial Process Control
- ☒ Network Control
- ☒ Wireless Control And Communication

**Other Tags:**

- ☐ Active Distributed Networks Access Control

4. Tags view is accessible by top tab. All the S/C Tags are displayed, along with the completeness of their Tag data. The Tags can be sorted in ascending or descending order by header category. All tags should have a Filter assigned, and related tags if appropriate.

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Home Change Password

### Control Systems (CS) Society

Manage this Society's Resources (223) **Manage this Society's Tags (24)**

Associate Tags with this Society:

Page: 1 2 3

Tag Name [?] Click tag to edit	Sectors [?] ▲ ▼	Societies [?] ▲ ▼	Filters [?] ▲ ▼	Resources [?] ▲ ▼	Related Tags [?] ▲ ▼	Remove [?]
Active Vibration Control		2	1		1	[x]
Aerospace Control		2				[x]
Aerospace Controls		1				[x]
Automotive		3				[x]
Automotive Control		1				[x]
Design		3				[x]
Design Automation		4				[x]
Design For Manufacture		3				[x]
Design Verification		3				[x]
Embedded Systems		3				[x]

5. Clicking on any Tag allows an S/C volunteer to edit. Filters can be assigned, as well as editing Tag Name and mapping Related Tags.

**IEEE Technical Activities Technology Navigator**

Home Change Password

**Edit Tag**

**Tag Name** [?]: Automotive Control

**Sectors** [?]: Communications

**Societies** [?]: Control Systems

**Filters** [?]:  
☐ Emerging Technologies ☒ Hot Topics  
☐ Foundation Technologies ☒ Market Areas

**Related Tags** [?]: Associate Related Tags with this Tag: aut

- ☒ Automotive [x]
- ☐ Automotive Control [x]
- ☒ Autonomic Systems [x]
- ☒ Combined Sensors (electrical & Mechanical) Such As Automotive- Medical-environmental Monitoring And Control -consumer [x]

Ok Cancel

6. Additional Tags from the Tags database can be associated with the S/C through the live search text entry at the top of the page. Society Tags that match the entered text are displayed first, followed by matching Tags in the complete S/C Tag database. Checkboxes are used to select one or multiple tags, which are automatically added to the S/C tag list.

**IEEE Technical Activities Technology Navigator**

Home Change Password

**Control Systems (CS) Society**

Manage this Society's Resources (223) Manage this Society's Tags (24)

Associate Tags with this Society: contro [Create New Tag](#)

- ☐ Automotive- Medical-environmental Monitoring And Control -consumer
- ☐ Command Control Communication Intelligence
- ☐ Contamination Control
- ☒ Continuous Process Control
- ☒ Control And Optimization Algorithm
- ☒ Controls
- ☐ Control\_systems
- ☐ Discrete-event And Sequence Control
- ☐ Emi Control

	Filters [?] ▲ ▼	Resources [?] ▲ ▼	Related Tags [?] ▲ ▼	Remove [?]
1			1	[x]
				[x]
				[x]
Automotive		3		[x]
Automotive Control		1		[x]
Continuous Process Control		2		[x]
Control And Optimization Algorithm		2		[x]
Controls		2		[x]
Design		3		[x]
Design Automation		4		[x]

7. If there is no Tag that matches the entered text string, the S/C volunteer will be presented with an optional link to "Create a New Tag". Selecting this link will present an overlay window for creating a new Tag and all associated data (Sectors, Filters, Related Tags).

The screenshot displays the IEEE Technical Activities Technology Navigator interface. The main header includes the IEEE logo, 'Technical Activities', and 'Technology Navigator'. A user is logged in as 'soc' with a 'Log Out' option. The page is titled 'Control Systems (CS) Society' and shows two tabs: 'Manage this Society's Resources (223)' and 'Manage this Society's Tags (24)'. The 'Manage this Society's Tags (24)' tab is active, showing a list of tags with columns for tag name, count, and a 'Remove' button. A 'Create New Tag' button is visible in the top right. An overlay window titled 'Create New Tag' is open, allowing the user to create a new tag. The 'Tag Name' field contains 'embedded controls'. The 'Sector' dropdown menu is open, showing options: Agriculture, Communications, and Computing & IT. The 'Filters' section has four checkboxes: 'Emerging Technologies', 'Hot Topics', 'Foundation Technologies', and 'Market Areas'. The 'Related Tags' section has a text input field and a label 'Associate Related Tags:'. The 'Ok' and 'Cancel' buttons are at the bottom of the overlay window.

IEEE Technical Activities Technology Navigator

Logged in as soc | Log Out

Home Change Password

Control Systems (CS) Society

Manage this Society's Resources (223) Manage this Society's Tags (24)

Associate Tags with this Society: embedded controls

Society Tags:

Other Tags:

Create a new tag "emb

Automotive

Automotive Control

Continuous Process Control

Control And Optimization Algorithm

Controls

Design

Design Automation

Create New Tag

Remove [?]

Tag Name [?]: embedded controls

Sector [?]: Agriculture, Communications, Computing & IT

Filters [?]: ☐ Emerging Technologies, ☐ Hot Topics, ☐ Foundation Technologies, ☐ Market Areas

Related Tags [?]: Associate Related Tags:

Ok Cancel