

# ICCON<sup>Spring, 2001</sup>versation

## ICCON 2001: BIGGER, BETTER, AND MORE MUSIC!

**Jim LaHood, ICCON Conference Vice President,**  
[jlahood@ltnelson.com](mailto:jlahood@ltnelson.com)

Have you made arrangements to attend ICCON 2001 yet? We're putting together another memorable and informative conference for your benefit. This is your invitation to join us in Nashville, TN. June 10-14 to continue the ICCON tradition of providing a wealth of information, training, networking and a forum to the users of SDRC software.

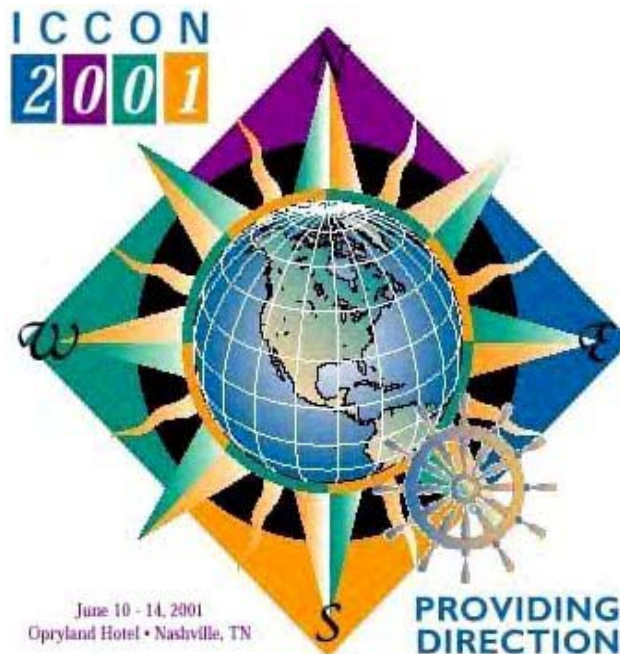
Have there been changes? Yes, SDRC has restructured for better growth in the e-business markets they serve. How does this affect us, their users? What can we expect in quality improvements? Hear the full details about I-DEAS 8 point releases M2 and M3. What new products are being offered to serve those e-business markets? Come and hear the details of the new product announcement of the integrated MDA and PKM solutions called I-DEAS Enterprise. And announce-

ments regarding a new I-DEAS user interface option for the Windows platform. ICCON has shortened the conference this year but not the content that you value the most. And the ICCON organization has changed to better serve our worldwide users.

Is it worth it to come this year? You bet. Nothing has changed about ICCON's desire to put you in touch with SDRC folks in one-on-one sessions,

or lengthening the work room hours during the conference.

*(Continued on next page)*



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*(ICCON2001 preview, continued)*

We're offering the usual high quality lineup of user presentations, SDRC tutorials, demos and best practices so you can take more practical knowledge home and do your job better. Come and ask SDRC about their plans. Ask ICCON about how and why it has changed. Meet users who experience the same ups and downs you do. Come and hear how other companies do it, and find out that you're not alone. And if that isn't enough....this year we want you to bring a shirt that advertises your favorite sports team. Wear this shirt to the Monday night Partner Showcase and find out who your friends (and friendly enemies) are!

But don't get lost. We'll be at Opryland Hotel and Convention Center, a nine acre 'city' under one roof. Take a walk along the lush gardens on your way to the convention area, or ride on an indoor river boat while you're thinking about that complicated loft you need to fillet. At night, try to catch the laser light show or the fountain show spectacular, while you're trying to decide which amazing ICCON Image Contest entry to vote for. And then stick around for our fabulous dinner event this year, right in the heart of downtown Nashville, Music Capital of the World. We'll float downtown on the General Jackson

Riverboat, serenaded by strolling musicians, then disembark for a short walk to the Wildhorse Saloon, and partake of some of the best barbecue you've ever tasted.

Make your arrangements now and we'll see you soon!■

#### **Notice Re: Ethical Use of ICCON Services**

To maintain the ethical use of services provided by ICCON, a Use of Services policy has been created. This policy will maintain the high quality of services provided by ICCON. ICCON prohibits the use of the Communication Services for certain activities including, but not limited to, the following: your personal use, commercial product reviews, surveys, obscene or profane materials, spamming, chain letters, any statements or other materials that are deemed by ICCON to be harassing, defamatory or threatening, the collection or dissemination of information about any other person or entity or any other commercial activity that is not specifically allowed by ICCON. For complete details of this policy see the ICCON web site.■

#### **Books About I-DEAS**

Several third-party books on I-DEAS are available, including:

I-DEAS Student Guide (New version for I-DEAS 8)  
Mark Lawry, SDRC  
ISBN: 007-24-6065-2  
Publisher: McGraw-Hill  
Higher Education  
Copyright 2000.

Parametric Modeling with I-DEAS 8  
Randy Shih, Oregon Institute of Technology.  
ISBN: 1-58503-054-6  
Publisher: Schroff Development Corporation

Introduction to Finite Element Analysis Using I-DEAS 8  
Randy Shih, Oregon Institute of Technology.  
ISBN: 1-58503-055-4  
Publisher: Schroff Development Corporation

Mastering I-DEAS  
S.C. Jonathon Lin, Ph.D. and  
F.C. Tony Shiue, Ph.D.  
ISBN 1-886552-12-6  
Publisher: Scholars International Publishing Corp.

Solid Modeling with I-DEAS  
Sheryl A. Sorby, Michigan Technological University  
ISBN: 0-13-490186-X  
Publisher: Prentice Hall

Source:  
[http://www.sdr.com/ideas/amazon\\_links.shtml](http://www.sdr.com/ideas/amazon_links.shtml) ■

# ICCON 2001 Image Contest: More Ways to Win

**Bob Brown, ICCON Vice President,  
rlbrown4@avaya.com**

If you're one of those people who haven't entered past image contests because you thought it was only for solid modeling and assembly experts, your prayers have been answered.

Image Contest 2001 has been redesigned to give more ICCON members, and SDRC associates, the opportunity to show off their talents with I-DEAS, with the added benefit of featuring the power of the software. Image Contest 2001 features categories for Solid/Assembly Modeling, Simulation, Imageware, Manufacturing, Unlimited/Artistic, and SDRC. Each category will be judged individually, with prizes for the top 3 winners for each category.



*Last year's Image Contest entries included the overall winner above by whoever won, plus "Battle Droid R&R" by Dave White of Lexmark (middle column),*

Many of you have asked about entering images of models that have been created in I-DEAS but rendered in a 3<sup>rd</sup> party software, the Unlimited/Artistic category provides this opportunity. Anything goes in this category (static, animated, you name it), so shoot for the stars. SDRC associates are welcome to have some fun as



well by entering in the SDRC category; expectations are high for this category.

So get those creative juices flowing, this is your chance for the 15 minutes of fame that has been eluding you all these years. Winning images will be featured on the ICCON and SDRC web sites, and will be sent to various publications.

All images must be provided in .PFF format, except for the Unlimited/Artistic category (need to figure out the format



for unlimited and imageware), no later than May 25. Details for generating and submitting images are on the ICCON web site (<http://www.iccon.org/iccon2001/image-contest>). All entries become the property of ICCON, so make sure you check with your legal department before entering. ■



*Brian Bobby on Bendix Corporation won third prize for the image at the top of this column. Directly above is "Shiny Gumball" by Karen Stoner of Leco Corporation.*

# Creating Icon Panels for NT on I-DEAS 8

With the release of I-DEAS 8, the NT version no longer uses the Exceed emulator. This has been a major boost for users. However, a number of us have, or would like, to modify the icon panel. With this release, you now do this with the Microsoft Resource Compiler, rather than the Exceed uil compiler.

In order to create a new icon panel, you need the following items:

I-DEAS 8 O011 icon editing tools

Microsoft Visual C++ 6.0 SP3  
Modified version of *cvtres.exe*  
(Contact SDRC support)

## Instructions

- 1) Copy the following files into a new directory:

```
%SDRC_INSTL%\oadev\util\icg_grid.asc  
%SDRC_INSTL%\oadev\icon\ideasicn.rc;  
%SDRC_STL%\oadev\icon\ideasdll.c.
```

- 2) Create the icons, per the *SmartView* documentation (same method as MS7)
- 3) Create a new resource file
  - a) Copy the portion of *ideasicn.rc* referring to the user panel into a new file *myicons.rc*. Edit *myicons.rc* to reflect your changes. If you are familiar with the MS7 uil, the syntax is very similar, as shown:

```
MS7: GxNtitle =  
"I-DEAS Icons";  
I-DEAS 8: WGxNtitle,  
"I-DEAS Icons\0"
```

- b) Add your icons into *ideasicn.rc*.

- i) Add your icon button to the QuickPrint stack, as shown below:

```
gui_user_stack STK  
BEGIN  
    WGxNcontrol,  
    "#dart_apps_panel\0"  
    WGxNcontrol,  
    "gui_print\0"  
    WGxNcontrol,  
    "gui_apps\0"  
    WGxNcontrol,  
    "gui_annotation\0"  
    WGxNcontrol,  
    "gui_user_panel\0"  
END_BLOCK  
END
```

- ii) Insert a line at the end: *include "myicons.rc"*

- 4) From a command line, compile and link the resource file:

- a) Compile the header file: *cl /c ideasicn.c*
- b) Compile the resource file: *rc ideasicn.rc*
- c) Link them together:  
*link /  
out:ideasicn.dll  
ideasicn.obj  
ideasicn.RES*

- 5) When the menu works to your satisfaction, copy *ideasicn.dll* to *%SDRC\_INSTL%\ideas*

A complete discussion of I-DEAS 8 icon creation may be found in the *User Library* at [www.iccon.org](http://www.iccon.org).

## Hidden Treasures of the ICCON User Library

The User Library on [iccon.org](http://iccon.org) is a treasure trove, containing program files, keyboard templates, model files, and generative post processor files. Recent additions include updates files for more recent releases of I-DEAS.

The library allows ICCON members to share files that increase productivity and expand your capabilities. If the file you are looking for is not available, consider sending a request via one of the many email lists. It is very likely that an ICCON member will submit the file to the library.

To share your files, please check the library's instructions on how to submit files. Those that submit a file typically receive a gift from ICCON as a token of appreciation. The library has recently been moved to the members' only area of [iccon.org](http://iccon.org) to help control file access track who is downloading what files. ■

# What (and Who) to Bring with You to ICCON



If you've never gone to ICCON, here's a checklist of the top ten things (and people) to bring with you to the conference.

## 1. Bring more than one person.

Unless you have perfected the ability to bi-locate, you may be frustrated when you find that at any given timeslot, there will be at least two sessions you'd really like to attend. To maximize the value of the conference, consider sending two or more people from your organization to enable you to cover as much of the conference as possible.

## 2. Bring questions for SDRC.

Spend some time prior to ICCON to think about what is important to you and how SDRC can help you, in a high level sense. Is SDRC doing the right things to ensure success for your company long term? The "Ask SDRC" session is the place for these thoughts. You will have an opportunity to submit questions to key leaders of SDRC Planning, Development, Customer Service, and Marketing. The answers are always honest and frank.

**3. Bring questions for ICCON.** Is ICCON doing the right things to ensure your



success as a user? New for ICCON 2000 is "Ask ICCON". This session, like "Ask SDRC", will be an opportunity for to ask questions of the ICCON Board. We need your input to make sure ICCON serves your needs in the best way possible. Tell us what we're doing right, tell us what we can do better.

## 4. Bring suggestions:

Do a little personal brainstorming about how I-DEAS can be made better. The SIG meetings, and many ad-hoc meetings throughout the week, will provide opportunities to express your vision and get a jump on the enhancement request process. Everything you suggest is listened to and considered by SDRC and ICCON. The ad-hoc meetings are frequently brainstorming sessions with SDRC planners and developers.

## 5. Bring your PIRs.

There will be plenty of opportunities to speak with SDRC customer service, planning and development people. If you have a specific PIR to discuss with them now is the time to do it.

## 6. Bring specific problems:

Have a problem with a specific file or application? Bring a tape, schedule time in the "Help Room", and get one-on-one support from an I-DEAS expert. Your problem will be resolved quickly and professionally. In addition, if you have some work you must get done during the week, the "Work Room" will be available for you to keep pace with events at home.

## 7. Bring business cards.

You will meet many people at ICCON. One of the best parts of ICCON is meeting many people and having opportunities to collaborate outside the conference. Also, you will likely meet people you have only corresponded with via the ICCON email lists. Meeting them in person is always fun.

## 8. Bring casual clothes.

ICCON is a business-casual event, we want you to feel relaxed and enjoy yourself. No ties please!

*(Continued on page 9)*

# ICCON Year Highlights: LUGs, Renewed International

## President's Letter

### **Laila Herr, ICCON President**

This has been a busy year for ICCON. A lot of activity has been going on behind the scenes. Here are some highlights:

#### **Local User Groups**

Local User Groups are in full swing with new groups forming each month. The Local User Group Vice President, Kim Spinsby of Siemens has been working with the Regional User Group Leaders to identify active user groups, to reactivate old user groups and to get new user groups started. ICCON has provided attendance gifts and has been assisting with identifying

content for the user groups. Special Interest Groups have a new Vice President, Alan McDougal of BFGoodrich (not TIRES!), and the SIG Leaders are in the midst of presenting the enhancement requests that you the users submitted in the Fall. With continued increased participation, the SIG's have a renewed commitment to work hard on your behalf (See the article on I-DEAS 8).

#### **International Scope**

Internationally, ICCON has more active than ever. The Japan User Conference had Rollo Cain, of Seagate, attend as a keynote speaker. Rollo, along with Matt Gwilliam, ICCON General Manager, hosted a booth at the partner showcase during the conference. Matt also participated in the Scandinavian Conference and has helped the Scandinavian users by providing a list-server to provide an iccon mail list for them. In addition, the Japanese users had the opportunity to participate in the Special Interest Group enhancement surveys in Japanese, thanks to the support of SDRC.

#### **Conference Planning**

Last but not least, the conference planning activities are moving along. I recently had a manager express whether it would make sense to send his drafter to the conference - he felt that there was not much value if the ICCON conference was like other user conferences. I was able to point out that the biggest differentiator of the ICCON Conference is the high training content of the conference. With over 80 sessions of tutorials, user presentations, and special interest groups to pick from, along with unprecedented access to SDRC product developers, work rooms and help sessions there is very little "fluff" and there is lots of CONTENT. For more details on the conference be sure to check out the details on our web site: [www.iccon.org](http://www.iccon.org)

#### **What About I-DEAS 8?**

I-DEAS 8 - What has been ICCON's response? As many users can attest to, I-DEAS 8 has been a difficult release. Many people have asked about what position ICCON has held with SDRC about the release.

### ***Why Attend ICCON?***

*"The conference sessions explained a lot of different applications. The tutorials and the user presentations were most helpful and the speakers provided me with good ideas that I will implement in our own installation. I was also able to bring what I learned back to my worksite and share it with other users." Larry A. Cole, Design Engineer, Guidance/Control Systems, Litton*



There have been many frank and difficult discussions. Over the past several months I have personally met with individuals (customers, developers and management) to attempt to fully understand the issues. Getting past folklore to specifics is often the biggest challenge those of us in the ICCON leadership face. Trying to sort out the facts, issues and decisions has been difficult, yet in the long run, patterns have emerged.

Let's start with "what did I-DEAS 8 encompass?" I-DEAS 8 was the largest investment in Product Development and corresponding set of changes in functionality ever and included a record number of user requested features. In addition there were major architectural changes particularly in drafting that warranted caution for the customers making a decision about whether or not to upgrade.

With any major software package, companies must evaluate the impact of software upgrades upon the ability to

maintain production. Most businesses will evaluate carefully when upgrading their financial applications or their manufacturing systems, yet will take a incautious approach on their engineering systems. used to generate future revenue and should not be treated in the same manner that one would treat the installation of personal use applications. Engineering applications need to be regarded by IT departments as having the same business impacts as an MRP system and should be tested as thoroughly.

Many customers upgraded to I-DEAS 8 without bench testing their process requirements and without doing a risk assessment, despite the fact that the shipped product advised testing since the changes to the product were extensive. SDRC did a lot of testing, but was unable to identify every scenario the customers may encounter. There were mistakes made all around - and fortunately SDRC did send a service alert in a very timely manner. For those customers that did upgrade, SDRC made extensive efforts

to resolve issues including putting stops on new development to assure that I-DEAS 8m2 would be the release for all customers to upgrade to.

I guarantee that ICCON leadership has been in many discussions with SDRC management about the future of I-DEAS. We all have the goal of making your job easier and also making the products better. As the end users - ICCON members have a great opportunity to impact the future of I-DEAS by participation in the SIG's. ICCON works for you and will continue to work for you in pushing SDRC to deliver quality along with functionality. ■

### ***Why Attend ICCON?***

*"I appreciated the opportunity to learn tips and techniques from the SDRC technical reps and from other attendees. The user presentations were excellent and the conference included a number of sessions where users could get one-on-one help." Jonn Strausser Mechanical Design Technician, Rockwell Collins*

## There Have Been SIG-nificant Changes

*Alan McDougal, SIG Chairman; alan.mcdougal@aerospace.bfg.com*

Change, change, change... sometimes it seems like every time you turn around something is changing. The last time ICCONversation came out I was the Drafting/Design SIG Leader. Well that's changed along with many other things. Starting in January, I became the ICCON SIG VP. This allows me the opportunity to get on the inside at ICCON and SDRC and help influence their direction. I hope that my years participating on the ICCON email lists have given me the experience to speak with an understanding of the user's needs.

Well I've only been the SIG VP for about a few months but I've already managed to break something. Specifically, what was the Design/Drafting SIG has now been broken into two SIGs, the Design SIG and the Drafting Annotation SIG. Here's the master himself, Matt Gwilliam, with more detail:

### **Design/Drafting SIG Splits**

ICCON is pleased to announce the plans to split the Design/

Drafting Special Interest Group (SIG). The new SIGs will be known as the 'Drafting/Annotation SIG' and 'Design SIG'. The split is a result of continued growth and participation of the 7000+ ICCON members. This change will improve the management and communication among I-DEAS users and SDRC product management.

The Design (DES) SIG will retain the following committees; Assembly, Harness Design, Solid Modeling, and Sheet Metal. Mel Boss of Abbott Laboratories will continue as the Design SIG leader.

The Drafting/Annotation (DAN) SIG will consist of the following committees; 2D Drafting, 3D Annotation and 2D Translators. The DAN SIG leader has not yet been determined.

As announced at the ICCON 2000 conference, ICCON will make available a new email list under the name of iccon-dan. The new iccon-dan email list will serve the committees in

the Drafting/Annotation SIG. This email list will be available early 2nd quarter of 2001. The iccon-des email list will continue to serve the Design SIG committees.

Matthew Gwilliam - ICCON Manager

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We will be accepting nominations for the DAN SIG Leader position between now and the conference. Please send your nominations to me. We'll vote on a leader at the Drafting/Annotation SIG meeting this year at the conference.

Speaking of which, the conference is coming up fast. You can register now at the ICCON web site, <http://iccon.org/>. This year's conference will be held at the Opryland hotel in Nashville, TN. We (Jim Lahood and Matt deserve most of the credit) have been working hard putting together a full conference for you. This year will have more user participation than any previous year.

Make sure to sign up for the SIG and committee meetings this year. There's usually

great attendance for the SIG meetings but the Committee meetings are a great opportunity that has been overlooked in the past. They provide a chance to sit down with an ICCON and SDRC representative and focus on specific software functionality like harness design, post processing, printing/plotting, and many other topics. These meetings are much smaller and more focused than the overall SIG meetings and allow for detail examinations of updates as well as SDRC's direction. They're also a great opportunity to ask questions and share tips and tricks.

The SIG's themselves have seen some change this year with new SIG and committee leaders. A description of all the SIGs, Committees, and their leaders can be found at: <http://iccon.org/sigs/index.htm>. I don't really have space to list all the new leaders, but let me say thanks to them all for their hard work involved with the Enhancement Surveys and the conference.

All the SIG leaders, Committee leaders, and Matt have

been working hard getting ready to present this years Enhancement Survey results to SDRC and the users. The results of those surveys will be made public at the SIG meetings with more detail to be added in the committee meetings.

I look forward to seeing you all at the conference this year. ■

### *What and Whoto Bringto ICCON*

*(continued from page 5)*

#### **9. Bring a swim suit.**

One of the best parts of ICCON is the unofficial, but ever-important "Hot Tub SIG". Right next to "Catalina Island" is where the Hot Tub SIG will meet this year. This is a great place to unwind and make friends after a day of sitting in conference rooms.

#### **10. Bring your family.**

Do bring your family. There's lots to do in Nashville and the nearby area. ■

### ***Why Attend ICCON?***

*"During the ICCON conference, SDRC's managers and the ICCON leaders share their vision statements for the software and the user organization. Understanding the direction and intentions of both organizations helps ensure that my investment in IDEAS and in the time attending the conference pays off now and in the future. We were also able to apply new techniques in the development of four products that will help reduce the amount of time for initial tooling and time to market.."* Tom Piechota, Masoneilan, Dresser Valve Division, a Halliburton Company

*"The ICCON conference is a great place to meet other users and SDRC employees. The user presentations, tutorials, IDEAS Workroom, and Partner Showcase—even the Image Contest—offers the opportunity for attendees to interact with each other and SDRC experts to determine how to maximize their IDEAS applications."*

*Paul Aleo, CAD/CAM Systems Administrator, Dart Container Corp.*

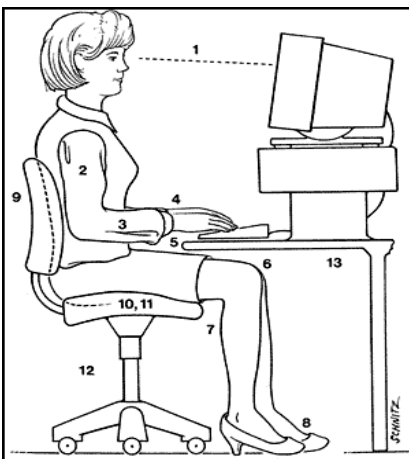
*"The formal sessions and the informal conversations that go on throughout the conference help me know what is going to happen with the tools and teach me rules of thumb that will directly help me be more productive in my job"*

*Jay Stanke, P.E., Staff Engineer, Albuquerque, NM*

# Guarding Against Repetitive Stress Injuries

Repetitive Strain Injuries (RSI) are getting a lot of attention in the media, and our government, these days. This is because billions of dollars are spent on RSI-related workers compensation claims each year. RSI is not new however, or related entirely to the computer, RSI can be found everywhere. Untreated, RSI can end your career and dramatically limit your day-to-day life; something as simple as brushing your hair can be nearly impossible for an RSI sufferer.

The human hand is a truly remarkable machine. It contains nearly 25% of the bones in the body as well as a bewildering array of tendons, ligaments, cartilage, and the most nerve endings in the entire body, all in a very compact space. Like any machine, our hands need proper maintenance and care to provide a lifetime of trouble-free service. Although our hands can do many things, they are not meant to perform repetitive tasks for extended periods of time. Over time the tendons will swell, putting pressure on the nerves and resulting in pain. Ultimately, permanent nerve damage can occur due to the build up of scar tissue on the nerve.



*Proper body positioning at your station is extremely important to maintain good physical health. The Indiana Hand Center recommends the following specifications:*

1. Monitor screen is at eye level (+ or - 10°)
2. Elbows rest at the side
3. Elbows are bent between 60° to 90°
4. Wrists are in a neutral (straight) position
5. Wrists rest on a rounded table top edge
6. Knees are level with or slightly lower than hips
7. Soft seat edge (by knees)
8. Feet rest on the floor or on a footrest
9. Low and middle back support is provided
10. Seat width 18"
11. Seat depth 15" - 17"
12. Chair height (see below)
13. Desk height (see below)

*For more information on workstation ergonomics see:*

*indianahandcenter.com*

chair should be positioned to provide a comfortable environment.

Without our hands we are helpless, so take care of them. If you feel discomfort in your hands, fingers or elbows, take a break – do some of the exercises described below – and wait for the discomfort to subside. And make sure you get proper treatment, from a doctor or ergonomic specialist. Sometimes something as simple as changing chairs can make a world of difference. The web sites below will provide some good sources for RSI education and exercises. Also, check the web sites of computer hardware and furniture manufacturers for specific ergonomic devices such as, chairs, keyboards, pointing devices, and desks.

Indiana Hand Center: Excellent source for ergonomics, and education on injuries and treatments.

<http://www.indianahandcenter.com/>

University of Nebraska, Lincoln: Excellent source for definitions of injuries and exercises.

<http://www.engr.unl.edu/ee/eeshop/rsi.html> ■

# LUG UPDATE

## What's Been Happening with the LUGs?

Kim Spinsby, LUG Vice President; kim.spinsby@sea.siemens.com

Local Users Groups (LUGs) extend ICCON's benefits and value into your local or regional community. LUGs address your regionally unique needs, and connect community resources, benefiting ICCON's members and their companies.

LUG participation provides continual development of your knowledge, skills and resources, supplementing and enhancing ICCON's annual conference. Many LUGs organize conference teams, committing to each represent a session at their LUG meetings in the following year. Others scout for the best presenters, to invite them to their future LUG meetings.

Although Conference presentations may be presented at the LUG meetings for those unable to attend; it is more often a new presentation being polished for the next conference, or covering new enhancements.

The LUG Leadership Training Program and other tools are being developed to assist existing and potential LUG leaders spanning starting new LUGs, to sustaining LUG growth and stability. ICCON is

preparing to launch the new program just prior to the 2001 ICCON Conference. A LUG Quality Program is also being developed to assure ICCON's benefits and values extend to all who participate in LUGs, everywhere.

LUG collaboration with University Consortium Institutions has brought significant advantages to everyone. Many institutions have hosted LUG meetings, offering the best in facilities, technology, research projects, and labs. ICCON members offer industry experience, co-op and employment opportunities, while recruiting the best IDEAS trained engineers and technicians for their companies.

Tord Dennis and Gary Gorman joined Anne Strompl last year as Regional LUG Leaders. Each has demonstrated vision and excellence in starting, growing and managing LUGs, and as a result, the active groups in each region have doubled over the previous year.

If you aren't benefiting from a local LUG, contact the Leaders for your region, and get their help starting one. If you aren't

being served, others aren't either. ■

### ***Why Attend ICCON?***

*"The ICCON Conference provides a good amount of information and interaction, from the event's Special Interest Group Sessions where we provided input to SDRC on what new functionality we need in each of the product areas, to the IDEAS Partner Showcase where we could talk to a variety of software and hardware vendors without the heavy sales push. I also valued the conference's IDEAS Workroom and help sessions because we were able to focus directly on our specific application issues. Whether you attend the full week of ICCON or only a few specific sessions of interest, the return on investment is well worth the cost of the ICCON conference. The opportunity to interact with other users of IDEAS can significantly improve your productivity, and by listening to and talking with SDRC developers, you can find out SDRC's future goals which has been of great help in tailoring our direction so that when changes occur in IDEAS we are well ahead of the ballgame."*  
Brian Hoerner, CADD Systems Specialist/Design Drafter, Product Development, Graco Children's Products

# WHO'S WHO IN ICCON

Check us out at [www.iccon.org/leaders](http://www.iccon.org/leaders)

## ICCON BOARD

President  
Laila Hirr  
Electro Scientific Industries  
(503) 671-5461

Conference Vice President  
Jim LaHood, L.R. Nelson  
(309) 690-2854

Communications Vice President/  
*ICCON* Conversation Editor  
Bob Brown, Lucent Technologies,  
(732) 817-3044

LUG Vice President  
Kim Spinsby, Siemens  
(770) 740-3185

SIG Vice President  
Alan McDougal, BFGoodrich  
(937) 440-2031

International Vice President  
Accepting Nominations

Sandy Kaiser, Treasurer,  
SDRC  
(513) 576-7560

Tom Eberle, SDRC  
(513) 576-5952

Joe Policani, SDRC  
(513) 576-2908

George Rendell, SDRC  
(513) 576-2111

Emeritus Board Member  
Ken Huff, L-3 Communications,  
ACSSD  
(602) 436-2814

Emeritus Board Member  
Bill Carrelli, SDRC  
(513) 576-2149

## SIG LEADERS

Design  
Mel Boss, Abbott Labs  
408-782-3233

Education  
Paul Zang, Kettering University  
(810) 762-7861

Imageware  
Richard Sandham, Mattel  
(310) 252-4659

Integration and Data Management  
Forest Cunningham

MSX International  
(313) 248-3064

Manufacturing  
Jim Roedersheimer, Ford  
(734) 523-0196

Simulation  
Bill Henninger, Lockheed Martin  
Space Systems  
(408) 756-3120

Drafting/Annotation

Accepting Nominations

## LUG LEADERS

Central Region  
Anne Stroempl  
Syntrex CAD Services Inc.  
(416) 432-7080

Eastern Region  
Tord Dennis  
Georgia Institute of Technology  
(404) 894-7753

Western Region  
Gary Gorman, Seagate Technology  
(303) 684-2269

International  
Accepting Nominations

## ICCON ADMINISTRATORS

ICCON Manager  
Matthew Gwilliam  
ICCON  
(513) 759-9555

ICCON Coordinator  
Lisa Grever, SDRC  
(513) 576-2100

ICCON Administrator  
Jan Messer, SDRC  
(513) 576-2923

## ICCON MEMBERSHIP

Membership in ICCON is free.  
To sign up, contact Matthew  
Gwilliam, ICCON Manager  
and Secretary, at ICCON's  
office:  
6682 Spruce Creek Drive  
Middletown, OH 45044  
PH: (513) 759-9555;  
Fax: (513) 759-6351  
email: [mbg@iccon.org](mailto:mbg@iccon.org)  
Or fill out the form on the web  
site at [www.iccon.org](http://www.iccon.org).