



March 2000

Volume 48 Issue 3

AITP Pittsburgh Highlights

DEVELOPING WEB APPLICATIONS IN COBOL ROBERT COLLIN, MERANT

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Special points of interest:

- March's Dinner Meeting is March 21, 2000.
- REGISTER BY TUESDAY, MARCH 14TH – DUE TO A SIT-DOWN DINNER.
- Bring your Boss to this meeting at the member price.
- April 18th is IPA Night.

No, this is not a misprint and there is no time warp here. While JAVA and HTML get all of the attention, there are significant reasons why COBOL may be a viable development option for web development. Why? Many web based applications access data kept in systems developed in COBOL. It would seem logical that they would be easier to develop if you tapped into the native application environment.

At our March Dinner meeting, come and hear Robert Collins of MERANT show you how Micro Focus COBOL can provide benefit in today's e-centric world. MERANT Micro Focus Development Tools enable customers to accelerate e-business by maintaining, transforming and rapidly extending business applica-



tions with low risk and high return on investment. Micro Focus Net Express™ is a ground-breaking development environment for e-COBOL applications that takes core business processes written in COBOL and extends them to the Web and other distributed platforms.

As the Principal System Engineer for the MERANT Application Creation & Transformation (ACT) business unit, Robert Collins is chartered with helping customers develop e-business solutions. He is directly involved with the MERANT Egility framework and provides training to the MERANT sales organization on our e-business solutions. Robert

interfaces closely with marketing, product management and development, works with key customers and takes a leadership role in gathering customer requirements that influence product direction. He also works closely with the sales organization to develop the appropriate distribution and partnering strategies and to provide the necessary tools to support the sales cycle.

Previously Robert Collins was the Technical Market Manager for the MERANT distributed computing line of business and also a senior SE in the Southeast region.

As Mark Twain once said, "The news of my demise is greatly exaggerated". Join us at our March meeting and learn how COBOL has evolved.

APRIL IS IPA NIGHT

Mark your calendars for Tuesday, April 18th for IPA Night. This is the night that we honor those AITP members who have dedicated countless hours to our organization.



Aitp – Pittsburgh Chapter Board of Directors – 2000

Position	Name	Company	Phone	Fax	Email
President	Patricia McMurray	ICM School of Business	(412) 261-4644	(412) 261-6491	
Vice President	Dennis Coglianesi	Allin Consulting	(412) 928-8855	(412) 919-3562	Dennis.Coglianesi@allin.com
Treasurer Bylaws	Denise Patrizio	Dominion Resource Inc	(412) 690-1013	(412) 690-7602	Denise_A_Patrizio@Corp.cng.com DenisePatrizio@home.com
Secretary	George Ilkka	Retired	(412) 487-2724		
Past President	Michael Fuson	Excalibur Data Systems	(724) 387-1331	(724) 387-1337	mfuson@excaliburdata.com
Region Director	George Ilkka	Retired	(412) 487-2724		
Hospitality Registration	Michael Fuson	Excalibur Data Systems	(724) 387-1337	(724) 919-3562	mfuson@excaliburdata.com
Hospitality Assistant	Chalice Zavada, RHIA	University of Pgh	(412) 624-9844	(412) 624-9831	caz@engrng.pitt.edu
Newsletter Publicity	Denise Patrizio	Dominion Resource Inc	(412) 690-1013	(412) 690-7602	Denise_A_Patrizio@Corp.cng.com denisepatrizio@home.com
Student Chapters	Annmarie Leap	Computer Tech	(412) 391-4197	(412) 391-4224	
Program	Dennis Coglianesi	Allin Consulting	(412) 928-8855	(412) 919-3562	Dennis.Coglianesi@allin.com
Records & Labels	Kenneth Krugh, CCP	Keane Inc	(412) 473-2800	(412) 473-2808	krkrugh@stargate.net
Awards - IPA	Kenneth Krugh, CCP	Keane Inc	(412) 473-2800	(412) 473-2808	krkrugh@stargate.net
Awards - COPA	AnnMarie Leap	Computer Tech	(412) 391-4197	(412) 391-4224	Scorpone@bellatlantic.net
Special Arrangements	Craig Holbrook	The Programmer Resource Inc	(412) 835-0599	(412) 835-3151	CRAIGCHI@AOL.COM
Membership	Steve Iwanicki	Independent Consultant	(724) 325-4563		ivan417@aol.com
Welcoming Committee	Lillian Clemons	ICM School of Business	(412) 261-4644	(412) 261-6491	clemons@mail.microserve.net

Message from the Editor

The Newsletter is the official publication of the AITP Pittsburgh Chapter. It is published eleven times a year at Pittsburgh, PA as a benefit of membership, to announce the monthly General Meeting, and to provide information of local interest to our members. It is circulated free-of-charge to our AITP members. We welcome contributions by members and non-members. Unless otherwise requested, articles are subject to editing. Send your documents to Denise Patrizio FAX 412-690-7602, Internet Denise_A_patrizio@corp.cng.com or DenisePatrizio@home.com Our address is Pittsburgh Chapter- AITP, P.O. Box 2004, Pittsburgh, PA 15230.

The submission deadline for articles to be published is the Friday after each Dinner Meeting. Board meetings are held on the first Wednesday of each month.

Advertisers are being accepted for the year 2000. Business Card—\$20 per month; Quarter Page—\$30 per month; Half Page - \$40 per month; Full Page - \$60 per month. Six months or more of continuous advertising costs only 5 months. Contact Denise Patrizio at 412-690-1013 for more information. We distribute the newsletter monthly to an influential group of 150+ career information systems and technology professionals. Many of us pass copies of it to our colleagues, providing a particularly high value for your advertising dollar.

March's Dinner Meeting

Parkway Center Mall, Terrace Room
 Tuesday March 21, 2000

5:00 PM - 6:00 PM	Networking and Student Chapter Meeting
6:00 PM - 7:15 PM	Dinner
7:15 PM - 8:15 PM	Business Meeting followed by Featured Speaker

Price	Prepaid	At Door
Members	\$ 22.00	\$ 27.00
Guests	\$ 25.00	\$ 30.00
Students	\$ 18.00	\$ 18.00

******* Make checks payable to *******
 AITP, Pittsburgh Chapter

******* Mail checks to *******
 Mike Fuson, Excalibur Data Systems
 115 Sagamore Hill Road
 Pittsburgh, PA 15239
 (724) 387-1331
mfuson@excaliburdata.com

*******Email Registration for Members Only *******
 You may register via email by sending your confirmation to:
aitp@excaliburdata.com
 Please be sure to include the number of attendees, names,
 company names, phone numbers and email addresses.

Please note: *When registering via email, we treat it as a confirmed registration. As such, if you do not cancel your reservation by March 14, 2000, you will be billed for the meeting.*

SPECIAL NOTE: SPEAKERS AND TOPICS SUBJECT TO CHANGE WITHOUT NOTICE

Directions:

From North, South or West: Follow I279 to Exit #4 (Greentree, Mt. Lebanon). At top of exit go left onto Greentree Road through 3 lights and make right onto Parkway Center Drive. Hotel is on the left.

From East and Downtown Pittsburgh: Follow I279 South/Airport signs across Fort Pitt Bridge through tunnel exit on #5 (Parkway Center Drive) Hotel is on the end of the ramp on the right.

Registration Form for Tuesday, March 21, 2000
 Deadline is Tuesday, March 14, 2000 — Due to a Sit-down dinner - Register Early

Name _____
 Address _____
 City _____
 State _____ Zip Code _____
 Phone Number _____
 Email _____

Please select dinner entrée:
 Fish
 Chicken

PRESIDENT'S MESSAGE by Patricia McMurray

This month we will give thought to those individuals who have served in the role as a boss, mentor, or leader to us in our careers. I have been fortunate enough to have worked with my boss a number of years and never have felt that I have worked for my boss. It has been a relationship of coaching, idea sharing and an encouragement to be successful.

Not only have I found support at work but I have also found support in the activities of AITP which I undertake. I have always felt that I could count on my officers and board members to keep me on track and to provide ideas which help sustain the chapter mechanics and help us grow as a group as well as professionally.

When one can recognize the help and support one gets from others in their endeav-

ors, one can only feel special and want to share that respect and caring for co-workers in all aspects of our lives.

I commend those "bosses" who act like coaches and assist their employees with professional growth. We thank you for your support.

In addition to the bosses we have invited to the March meeting, we are pleased to have representatives from Merant Microfocus Cobol address their products of movement and growth into the new millennium. They were quite receptive to our invitation and we appreciate the efforts they are making to come from out of town to be with us.

We hope that you note the variety and strength of our educational programs. If you have not been to our meetings lately, please consider



the March meeting as THE one to attend. We will be serving a sit-down dinner and the selections and reservation deadlines are in the other portion of the newsletter.

I look forward to a good turn out and a substational program for the March meeting and hope you will make that special effort to join us on the 21st.



"I commend those "bosses" who act like coaches and assist their employees with professional growth. We thank you for your support"

BOSS'S NIGHT IN MARCH BRING YOUR BOSS TO THIS EXCITING AITP MEETING

Is your management aware of your efforts to improve your skill set, expand your knowledge, or solve challenging work problems? They should be! That's why we sponsoring Boss's Night. To give you the opportunity to bring your boss to one of our chapter meetings—to show them what you're getting out of AITP.

The March Chapter meeting

will be held on Tuesday, March 21st at the Parkway Center Terrace Room.

The evenings activities will begin at 5:00 PM with Networking. 6:00 PM will be a sit down dinner followed by the featured dinner speaker.

For this special meeting, your Boss's dinner will be discounted to the membership price of \$22 Prepaid and \$27

at the Door. This will be a sit down dinner so we must ask that you pre-register to get this price.



REGION AND ASSOCIATION NEWS by George Ilkka

The Tarheel and Piedmont AITP chapters of Region 18 are hosting the 48th Annual Region 18 Conference at the Benton Convention Center in Winston-Salem, North Carolina on April 26-29, 2000.

Everyone has probably heard all they want about Y2K and surviving it, so they are looking to the future. The theme “New Technologies of the New Millennium“ will focus on that.

Friday will offer multiple track sessions for Management and Technical/Professional Development. Vendor Displays will be open from 9:00 AM until 6:00 PM. At the Saturday breakfast and closing ceremony they plan to have a presentation on

Home Networking. So stick around awhile that morning.

A Registration packet will be mailed out shortly. The conference registration form will also be available on the Tarheel Chapter’s Website <www.mindspring.com/~tarheel>, The Piedmont Chapter’s Website <www.people-places.com/aitp/>, and the Region’s website <www.aitp-region18.org>.

Hotel accommodation will be at the Adams Mark Hotel in Downtown Winston-Salem and reservation can be made by telephone at (336)725-3500. The cost is \$85 per night.

Please visit <http://www.aitp-region18.org> for information



on the student programming contest. Details about the contest are located there.

Upcoming Events at the Region and Association Level:

2000 5th Annual AITP National Collegiate Conference -- March 30 - April 1, Tampa, FL

2000 Region 18 Annual Conference -- April 26-29, Winston-Salem, NC

2000 AITP Annual Meeting - October, specific dates TBD, Appleton, WI



“Everyone has probably heard all they want about Y2K and surviving it, so they are looking to the future. The theme “New Technologies of the New Millennium“ will focus on that.”

AITP PITTSBURGH CHAPTER -2000 PROGRAM

The following agenda has been put together by your Board of Directors. It is subject to change based on interest and availability of speakers. You input is important to us. Let us know what you think.

January 18 – Installation of Officers / NT Event Monitoring with NetIQ

February 15 – Perfect Attendance Night/ “Move Fast, Stay Up & Fear Nothing – Infrastructure for the New World”, EMC2

March 21 – Bosses Night / “COBOL and the WEB: Exploring MicroFocus COBOL’s New NetExpress Product”, Merant

April 18 – Individual Performance Awards / Voice over IP – Cisco Systems

May 16 – Student Award’s Night (SCOPA, SIPA, SCHOLARSHIPS) / Linux

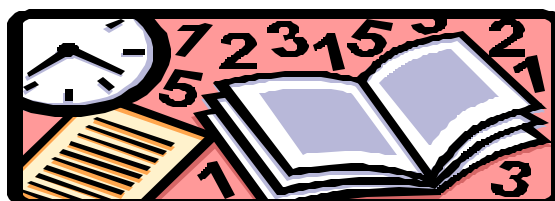
June 20 – Chapter Anniversary and President’s Night / Asset Management Strategies

September 19 – New Technologies Night / Microsoft Exchange 2000

October 17 – Election Night for 2001 / Wireless Messaging

November 21 – Membership Appreciation Night / Novell’s New Offerings

December 12 – Holiday Party



6 WAYS TO BUILD A TOP STAFF

To build a staff into a team that does the best possible job for the organization:

Be friendly to staff members but don't treat them like close personal friends. They want you to be the boss and they want to be employees. It works better that way.

Tell them everything. And expect them to tell you the same. Shared knowledge builds loyalty and trust.

Practice Pulitzer Prize plagiarism; Steal only from the best. If you need help, reach out to your professional community. Someone, somewhere, somehow will know how to help you.

Invest heavily in loyalty. If



staff members know that you're always loyal to them, they'll give you the same in return

Realize that fairness establishes your credibility.

Never be too bossy to laugh. Nothing gets people through a crisis like a good laugh — and a manager who's willing to enjoy it with them.

LEADERSHIP TEST

To find out if you're a true leader, see if you possess these qualities:

Leaders start projects by asking "What has to be done?" instead of "What do I need?"

Leaders next ask "What do I have to do to make a real con-

tribution?" The answer best suits the leader's strengths and the needs of the project.

Leaders continually ask "What are my organization's purposes and objectives?" and "What qualifies as acceptable performance and adds to the bottom line?"

Leaders don't want clones of themselves as employees. They never ask "Do I like or dislike this employee?" But they won't tolerate poor performance.

Leaders aren't threatened by others who have strengths they lack.

"Agree on the underlying source of conflict, then engage in give-and-take and finally agree on a solution.."

MEMBERSHIP CORNER

HAPPY ANNIVERSARY!!!

Congratulations to the following members who are celebrating their aitp anniversaries in January. We thank them for their chapter participation and look forward to having them as active members for many more years!

Patricia M McMurray
Chalice Ann Zavada RHIA
Frank N Fera Sr
Jeffrey Rickard
Harvey Schoenman
Stan Hoffman
John E Lesnick

Richard R Grimes
Thomas Streiff
Robert Rock CDP
Richard D Harris
Craig P Holbrook
Patricia A Holbrook



NEW MEMBERS

The Pittsburgh chapter of AITP extends a warm wel-

come to the following new members approved by the Board of Directors. The Membership, Officers, and Board of Directors will be looking forward to meeting you personally in our upcoming regular monthly meetings.

William von Hagen
MOVE2LINUX.COM
6738 Verona Road
Verona, PA 15147
412-321-7068
Wvh@move2linux.com

AITP MEMBERSHIP APPLICATION
The Association of Information Technology Professionals

Please complete all sections of the application. (TYPE OR PRINT LEGIBLY)

<input type="checkbox"/> CDP	<input type="checkbox"/> CSP	<input type="checkbox"/> Former AITP Member
<input type="checkbox"/> CCP	<input type="checkbox"/> ACP	<input type="checkbox"/> Former Student Member
<input type="checkbox"/> CAN	<input type="checkbox"/> CNE	<input type="checkbox"/> Former Interim Member

Name: First	Middle Initial	Last
Employer Name:	Your Title	Dept/Div
Employer Address:	City	State/Prov. Zip+4/Postal Code
Home Address:	City	State/Prov. Zip+4/Postal Code

Send Mail to: Home Company AITP may include my name and address for mail list rentals: Yes No

Business Phone: _____ Home Phone: _____

Fax: _____ E-Mail Address: _____ Mail Provider: _____

A subscription to *Information Executive* is included with your membership dues.

Contributions or gifts to the Association of Information Technology Professionals (AITP dues) are not tax deductible as charitable contributions. However, they may be tax deductible as ordinary and necessary business expenses.

Association Dues:	\$105.00	Specify Chapter Selected: <u>Pittsburgh Chapter #043</u>
One Time Processing Fee:	\$ 15.00 U.S./\$20 Canadian	Return to: AITP Pittsburgh Chapter
Special Interest Groups: (optional)		P.O. Box 2004
		Pittsburgh, PA 15230-2004
EDSIG	\$ _____ \$20/\$26 Canadian	
TOTAL	\$120.00 Due with this Application	

Specify Payment Method: Visa MasterCard Check Money Order

Card Number _____ Expiration Date _____

I hereby make application for membership in AITP. I agree to comply with the requirements of the Bylaws and Code of Ethics and all regulations adopted by the Association.

Applicant's Signature _____ Date _____

Sponsor's Name: _____ Membership Number _____
 (print legibly)

Association of Information Technology Professionals
P.O. Box 388130, Chicago, IL 60638
(847)825-8124 * (800)224-9371 * FAX: (847)825-1693 * CompuServe 70430.35 * www.aitp.org

COBOL FOREVER by Lauren Gibbons Paul

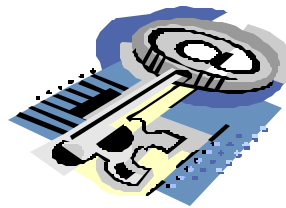
In the beginning, there was COBOL. These stalwart, usually mainframe-based, applications ran businesses for over 40 years. Today--surprise!--COBOL applications are with us still, whether they run on the same big iron or have migrated to more open environments. But these tried-and-true applications no longer have to present a green-screen face to the world. Indeed, many COBOL applications now have fancy graphical front ends, even Web capability. This is not your father's COBOL.

IT managers today are likely to be grappling with how to put a fresh face on the aging applications that have been running their business for decades. "Modernizing legacy applications is the key issue facing IT managers today because there's enormous pressure on organizations to change the way they run their business to meet the new paradigm for commerce. Modernizing legacy apps is at the heart of that," says Robert Mack, vice president and research area director in the IT business management group at GartnerGroup Inc., in Stamford, Conn.

In companies around the globe, IT managers are taking varied approaches to modernizing their legacy applications. Some companies have unplugged the mainframe (or aging minicomputers such as Wang), rewritten their core applications, and moved to platforms such as UNIX or Microsoft Corp. Windows NT. Rewriting COBOL ap-

plications from the ground up is the costliest and most time-consuming option, says Pam Coker, president and CEO of Acucorp Inc., a maker of application transformation tools, in San Diego.

Another option is to convert the legacy COBOL applications to an open systems COBOL, such as Acucorp's ACUCOBOL-GT or Merant's Micro Focus to "ehost" COBOL applications on another platform. Many IT managers believe this gives them the advantage of a lower-cost



hardware platform while maintaining their familiar COBOL applications. And they can make their users happy by putting in an easy-to-use graphical user interface (GUI) on top of the COBOL code. Many companies are rejuvenating their legacy applications, using the power and functionality of the new COBOL languages like ACUCOBOL, says Jim Garden, director of technical services for Technology Business Research Inc., a market research company in Hampton, N.H. "It's a highly cost-effective approach to the problem of what to do with legacy applications." Some companies (especially those in the financial services sector) would never dream of bidding their mainframes adieu--for them, the mainframe is simply the most re-

liable and robust computing platform around for processing financial transactions. Since the Internet is becoming an inescapable aspect of doing business, these companies are finding ways to Web-enable their mainframe-based COBOL applications. A whole raft of tools have blossomed in this space, from Ottawa-based Simware Inc.'s Salvo to London-based Intelligent Environments Group PLC's Amazon Integrator.

The message is there are lots of ways--some less expensive than others--to let a little fresh air and sunlight into the fusty, but reliable legacy code that has run businesses for these many decades. Read on for ideas and inspiration.

The best of both worlds Joe Horlander gets to have his cake and eat it, too. Horlander, manager of North American manufacturing systems for distilled spirit giant Seagram Americas (a subsidiary of \$9.7 billion The Seagram Co. Ltd., New York City), knew he wanted to move his applications off an ES9000 R32 mainframe from IBM Corp., in Armonk, N.Y. But with over 1.8 million lines of code in the core manufacturing, shipping, and back-office applications, Horlander also knew it would be prohibitively expensive to rewrite the applications for the UNIX platform, from Hewlett-Packard Co., in Palo Alto, Calif., which

(Continued on page 9)



"Indeed, many COBOL applications now have fancy graphical front ends, even Web capability. This is not your father's COBOL."

COBOL FOREVER

(Continued from page 8)

had been chosen as the corporate standard. So, he opted to "rehost" his COBOL applications to run on HP/UX. Horlander contracted with Unicon Conversion Technologies Inc., of Mission Viejo, Calif., which used its own automated tools to convert legacy COBOL to pure ACUCOBOL-GT from Acucorp.

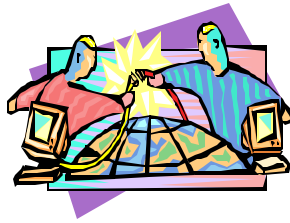
The bonus: Horlander gets to keep the COBOL applications that his programmers know so well, but run them in a UNIX environment that is much more cost effective.

"The hardware and software costs are much higher on the mainframe," says Horlander, at the Seagram plant in Lawrenceburg, Ind.

Horlander certainly isn't the only one looking to maintain his legacy applications even while moving off the mainframe. Many companies are finding this to be a logical

route, says Acucorp's Coker.

"CIOs now realize their COBOL applications are very valuable. They've reinvested in them with Y2K remediation projects and now they want to find a low-cost way to modernize them," says Coker.

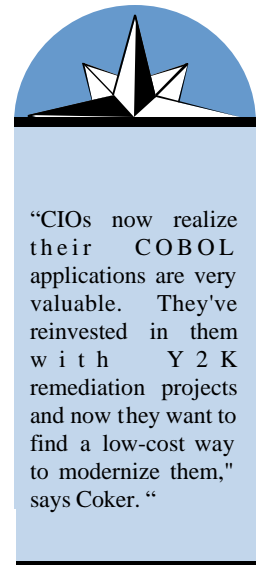


Enhancing COBOL applications after conversion using a tool like ACUCOBOL is "one of the easiest ways to put a new face on an old application," says Garden of Technology Business Research. Adding a GUI to an application for the first time has the added benefit of reducing the skill level required of the computer operator, he says. "The users don't need any special training, unlike

the old green-screen applications," says Garden.

No-brainer ROI

Seagram and its diversified business units had been gradually moving away from the mainframe to HP/UX for a number of years. Where divisions all over the United States and in Canada once had their own individual mainframes, the corporate division decided in 1995 to consolidate mainframe operations onto a single machine. Horlander's group began running all of its applications on a mainframe located at the company's Universal Studios unit in Hollywood, Calif. Due to the high transaction volume running on that server, application performance sometimes suffered. And users in the Lawrenceburg, Ind.-based warehouse shipping operation are notoriously unforgiving of unavailable systems.



"CIOs now realize their COBOL applications are very valuable. They've reinvested in them with Y2K remediation projects and now they want to find a low-cost way to modernize them," says Coker.

CHAPTER ROSTER AVAILABLE

This year's Chapter Roster was given to members at the February dinner meeting. Members not attending this event will have the roster mailed to them during the next month.

Special thanks to our Company and Individual sponsors for their support:

Allin Consulting
Alpern, Rosenthal and Company
Bender Consulting Services,

INC
ICM School of Business and Medical Careers
ICM School of Business
AITP Student Chapter
Keane Pittsburgh Inc.
Wade L. Churchfield
Dennis Coglianesse
Lillian O Clemons
George L Ilkka
Kenneth R Krugh, CCP CDP
Patricia M McMurray
Denise Anne Patrizio

A special thanks to Kenneth Krugh for the labels, Michael

Fuson for last years format, Denise Patrizio for editing and publishing and Craig Holbrook for assembly.

If the information in the roster is not correct, please contact Kenneth Krugh with the correct information.

If you are a member of the Pittsburgh Chapter and did not get a roster, please notify Denise Patrizio so that we can investigate the reason why.

EMERGING TECHNOLOGIES OF THE NEW MILLENNIUM

SEMINARS

This year's AITP Region 18 Computer Exposition & Conference seminars consist of three session topics. Session A seminars will include techniques for legacy system transformation. Session B seminars will consist of information on technology and e-commerce. Session C will cover management issues affecting technology professionals today.

Information Technology students are encouraged to participate in the Student Competition. Student presentations will be on Friday, April 28, 2000.

BANQUET AND DANCE

Please join us Friday April 28th for a pleasurable evening of dinner and dance. The banquet will start at 7:00pm at the Benton Convention Center.

AN INVITATION TO WINSTON-SALEM

Winston-Salem is a city with a combination of history and major corporations. Historically, Salem was founded in 1766 by the Moravians, today visitors come to Old Salem to see how people lived in 18th century Salem. The cities of Winston and Salem merged in 1913 to form present-day Winston-Salem. For more information, visit the Winston-Salem Chamber of Commerce at www.winstonsalem.com.

As seen in Yahoo Internet Life, Winston-Salem was rated One of America's 50 most wired cities and towns, making it an appropriate city to host the **48th Annual Region 18 Computer Exposition and Conference**. Presented jointly by the Tarheel and Piedmont Chapters, this year's conference is focused on creative uses of technology in business. Seminars will include an excellent selection of topics on management issues, e-commerce, and legacy system transformation. The conference will include three keynote addresses with speakers from RF Micro Devices, Microsoft and IBM.

Accommodations can be made with The Adam's Mark Hotel, in downtown Winston-Salem, by calling **800.444.2326** (www.adamsmark.com). Be sure to ask for the AITP rate when making reservations. The Benton Convention Center, located across the street from the Adam's Mark Hotel, will be the site for vendor shows, keynote addresses, seminars and presentations. Other planned events include a spouse's program and the Banquet and Dance.

We look forward to seeing you in Winston-Salem for the **AITP 2000 Region 18 Conference!**

KEYNOTE ADDRESSES

NORBY (CEO)-	RF MICRO DEVICES
ELLIOT CURTIS	MICROSOFT
JENNIFER JOHNSON	BM

SESSIONS

1A-WALTER STONE	PARKS & COMPANY	PROJECT MANAGEMENT
1B-KEVIN VAUGHN	RENAISSANCE WORLDWIDE INC.	E-COMMERCE
1C-PEER PLAUT	TECHNOLOGY SOLUTIONS GROUP	REMOTE ACCESS TO CRITICAL SYSTEM
2A-ANN CANNON	RENAISSANCE WORLDWIDE INC.	LEGACY TRANSFORMATION
2B-STARR ECKHOLDT	CORPORATE SYSTEMS DESIGN, INC.	RE-ENGINEERING FOR THE MILLENIUM
2C-NEIL WOJTEL	MANPOWER	CO-E MPLOYMENT ISSUES
3A-CARYN ZANGE-JOSEPHSON	RENAISSANCE WORLDWIDE INC.	COGNITIVE USER INTERFACE ENGINEERING: DESIGNING THE CUSTOMER EXPERIENCE
3B-CHARLES HUDSON	PIEDMONT TECHNOLOGIES GROUP	E-COMMERCE
3C-JEFFERY WALLICE	ERNST & YOUNG-	ELEGACY

AITP REGION 18 COMPUTER EXPOSITION & CONFERENCE
APRIL 27-29, 2000
ASSOCIATION OF INFORMATION TECHNOLOGY PROFESSIONALS
48TH ANNUAL REGION 18 CONFERENCE



REGISTRATION FORM

Name (Last, First, M.I.) _____

Company Name _____

Chapter Name _____

Mailing Address _____

City _____ State _____ Zip _____

Daytime Phone () _____

Spouse/Guest Name (Last, First, M.I.) _____

Credit Card _____ VISA _____ MasterCard _____ Exp. Date _____
 Card Number _____

Full Registration includes seminars, Friday breakfast, lunch and refreshment break, Friday evening banquet, and Saturday breakfast. There will be a program for spouses not attending the seminars.

Please consult the conference agenda and indicate below your first, second, and third choices of seminars for each time. Sessions will be filled on a first come basis.

Seminar Options

Friday, April 28 th :	First Choice	Second Choice	Third Choice
8:30 AM - 9:45 AM (Sessions 1A, 1B, 1C)	_____	_____	_____
1:30 PM - 2:45 PM (Sessions 2A, 2B, 2C)	_____	_____	_____
3:15 PM - 4:30 PM (Sessions 3A, 3B, 3C)	_____	_____	_____

Registration Fees

AITP Members

	Price if Registered By March 1 st	After March 1 st	Amount
Total Conference	\$195	\$225	_____
Friday (Seminars & Lunch)	\$150	\$175	_____
Keynote and Lunch Only	\$25	\$25	_____
Individual Seminars	\$45	\$50	_____

Guests

Total Conference	\$245	\$275	_____
Friday (Seminars & Lunch)	\$200	\$225	_____
Keynote and Lunch Only	\$25	\$25	_____
Individual Seminars	\$45	\$50	_____
Banquet Only	\$35	\$40	_____
Spouses Program (Includes banquet)	\$75	\$80	_____

AITP Student Chapter Members

Total Conference	\$70	\$70	_____
Banquet Only	\$35	\$40	_____

Total Amount Enclosed: _____

Total fee must accompany registration. Make checks payable to **AITP Region 18 Conference**. Please mail completed registration form to:

AITP Region 18 Conference—Attn: Treasurer
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Association of
Information Technology
Professionals

AITP- Pittsburgh Chapter
PO Box 2004
Pittsburgh, PA 15230

Phone: (724) 387-1331
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AITP—Pittsburgh
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or systems development.***



**Aitp Pittsburgh Chapter March Dinner
Meeting**

**March 21, 2000
Parkway Center Terrace Room**

**5:00-6:00 PM Networking and Student
Meeting**

6:00-7:15 PM Dinner

**7:15-8:15 PM Business Meeting and
Featured Speaker**

**“Developing Web Applications in
Cobol”**

Robert Collin, Merant