Adventure in Technology

33RD ANNUAL MIDWEST BUSINESS TECHNOLOGY EXPO & CONFERENCE

infotec 2006

APRIL 3–5, 2006 (CONFERENCE)
APRIL 4–5, 2006 (EXHIBITION)
QWEST CENTER OMAHA
OMAHA, NEBRASKA

Sponsored by:

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OMAHA

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From the AITP Omaha Chapter President

Welcome to **infotec®** 2006! On behalf of AITP Omaha, I invite you to attend the Midwest region's largest and most comprehensive Business Information Technology Conference and Exposition. The 33rd **infotec** conference promises to continue in its tradition as a premier forum for Information Technology (IT) collaboration and education.

Whether you want to hear outstanding invited speakers, attend cutting-edge educational seminars, network with peers, or talk with innovative vendors about strategies for using IT to achieve your business and professional goals, **infotec** 2006 is the annual event you won't want to miss! Our conference speakers and educational sessions focus on IT topics that are current and relevant. This year's show offers program tracks reflecting key application areas in Business Systems, Human Skills, Security, Software and Wireless Technologies. The vendor floor is a showcase where national, regional and local IT-related vendors present their services and products. Experience the best the region has to offer when you collaborate and connect with IT professionals, educators, end-users and solution providers at **infotec** 2006.

The ever popular Bill Justsen Computer History Museum will also be featured at **infotec** 2006. While attending **infotec** 2006, please visit the AITP booth to learn more about AITP and see how you can be part of this dynamic network of IT professionals, educators and students.

I look forward to seeing you at **infotec** 2006!

Mary K. Dobransky

Mary K. Dobransky
AITP Omaha 2006 President
Analyst, ConAgra Foods, Inc.

Exhibit Hours & Dates

Tuesday, April 4, 2006
10:00 a.m. – 6:00 p.m.

Wednesday, April 5, 2006
10:00 a.m. – 3:00 p.m.

Join AITP at infotec 2006

infotec 2006, sponsored by the Omaha Chapter of the Association of Information Technology Professionals (AITP), is one example of the benefits AITP brings to the community and to IT professionals throughout the region. Join 8,000 IT professionals as a member of AITP. In today's fast-paced world of technology, AITP offers its members limitless opportunities for professional and personal growth.

There are many new benefits of becoming a member of the Omaha Chapter of AITP. See the AITP members at the AITP booth for details. They will describe the new benefits for members.

If you have any questions about AITP, check the web site at www.aitp.org or check the local chapter web site at www.aitpomaha.com. Also, you can call 800-224-9371 or contact any of the AITP Board members at infotec.

infotec® makes every effort to assure the topics, speakers and times remain as published. Occasionally, circumstances dictate changes from the published schedule.

Please access www.infotec.org for complete session details

AITP Omaha — 2006 Board of Directors

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Ron Strawn
Vanguard Research Inc.

Alan Wostenberg
Northern Natural Gas Company

Calendar of Events

February 2, 2006

5:30 P.M.	*infotec* Kickoff Reception (Omaha Press Club)

April 3, 2006

8:00 A.M.	Human Skills Track (all day)
8:00 A.M.	Professional Workshops
8:00 A.M.	Software Track
8:00 A.M.	Solid Foundations Oracle Track (all day)
1:00 P.M.	Professional Workshops
1:00 P.M.	Wireless Track
6:00 P.M.	INTERN'fest'

April 4, 2006

8:00 A.M.	Business Systems Track (all day)
8:00 A.M.	General Sessions
8:00 A.M.	Infosec Breakfast
8:00 A.M.	I.T. Project Managment (all day)
8:00 A.M.	Software Track (all day)
8:00 A.M.	Wireless Track (all day)
9:30 A.M.	Keynote Address
10:00 A.M.	Bill Justsen Computer History Museum
10:00 A.M.	Exhibits
10:30 A.M.	Adventure in Technology bonus prize giveaway
11:00 A.M.	General Sessions
11:00 A.M.	Security Track (all day)
12:30 P.M.	Adventure in Technology bonus prize giveaway
1:00 P.M.	General Sessions
2:30 P.M.	Adventure in Technology bonus prize giveaway
2:45 P.M.	General Sessions
5:30 P.M.	Technology Celebration Banquet Reception
6:00 P.M.	Technology Celebration Banquet & Awards

April 5, 2006

8:00 A.M.	Executive Symposium (all day)
8:00 A.M.	General Sessions
8:00 A.M.	I.T. Project Managment (all day)
8:00 A.M.	Security Track (all day)
8:00 A.M.	Software Track (all day)
9:30 A.M.	General Sessions
10:00 A.M.	Bill Justsen Computer History Museum
10:00 A.M.	Exhibits
10:30 A.M.	Adventure in Technology bonus prize giveaway
11:00 A.M.	General Sessions
12:30 P.M.	Adventure in Technology bonus prize giveaway
1:00 P.M.	Keynote Address
2:00 P.M.	Grand Prize drawing for Flat Screen TV
2:30 P.M.	Adventure in Technology bonus prize giveaway
2:45 P.M.	General Sessions

Thank You

ASCIT

Sponsor of the infotec Kickoff Reception

Conference-At-A-Glance

Professional Workshops

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

Monday, April 3

8:00 a.m.–5:00 p.m. (8 Hours) **PT30** • Effective Virtual Team Management • *David L. Kohrell*

8:00 a.m.–12:00 noon **PT21** • Putting the Power in PowerPoint Presentations • *Bill R. Cashell*
8:00 a.m.–12:00 noon **PT31** • Thrive and Survive the Change Constant • *Rita F. Bartlett*
8:00 a.m.–12:00 noon **PT51** • User Interface Design Principals • *Lee D. Fraley*

1:00–5:00 p.m. **PT22** • Business Process Management • *Narender Singh Rajaputhra*
1:00–5:00 p.m. **PT32** • Leadership by Design — How to Develop a High Performance Team • *Rose Mary Hefley*
1:00–5:00 p.m. **PT62** • Wireless Networking 101 • *Rick K. Sweeney*

Human Skills Track

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

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Solid Foundations Oracle track

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

Monday, April 3

SF1

8:00–10:00 a.m. All About Binding • *Tom Kyte*

10:15 a.m.–12:15 p.m. • CBO — Avoiding Confusion • *Jonathan Lewis*

1:15–2:00 p.m. • Keynote Speaker: Why: Why Why is Probably the Right Answer • *Tom Kyte*
2:00–2:45 p.m. • Keynote Speaker: How to Test • *Jonathan Lewis*
3:00–5:00 p.m. • Panel Discussion: Designing for Efficiency
Tom Kyte and Jonathan Lewis

Software Track

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

Monday, April 3

8:00 a.m.–12:00 p.m. **PT51** • User Interface Design Principals • *Lee D. Fraley*

Tuesday, April 4

8:00–9:15 a.m. **T51** *FREE SESSION* • Microsoft Integration Technologies: When to use what? • *Sally Elatta*

1:00–2:15 p.m. **T53** • Relevance of Open Source Software in the Modern IT World • *Adam Haeder*
2:45–4:00 p.m. **T54** • SOA-Driven Project Management, Strategy & Planning • *Raveendra V. Boggaram*

Wednesday, April 5

8:00–9:15 a.m. **W51** • Human Factors Engineering • *Vanessa L. Wagner*
9:30–10:45 a.m. **W52** • Using SOA to Bring Disparate Systems Together • *Beth G. Schmidt and John Weland*
11:00 a.m.–12:15 p.m. **W53** • Scalable OLAP Based Web Applications: A Case Study • *Swapan K. Golla and Kiran Kumar*
2:45–4:00 p.m. **W54** • Panel Discussion: Agile Software Development • *Ann Fruhling, Gary Overgard, Alan Wostenberg, Shannon Treblic, Kim Tyser and Emily Hart*

Wireless Track

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

Monday, April 3

1:00–5:00 p.m. **PT62** • Wireless Networking 101 • *Rick K. Sweeney*

Tuesday, April 4

8:00–9:15 a.m. **T61** • Telecommunications Affecting the Enterprise • *Glenn Leatherwood*
11:00 a.m.–12:15 p.m. **T62** • Implementing VoIP Telephony Systems • *Tom Volz*
1:00–2:15 p.m. **T63** • MPLS Role in Delivery of Mission Critical Enterprise Services • *Umesh Kukreja*
2:45–4:00 p.m. **T64** • Wireless Security and Legal Update
Cathy Hanus and Michael Hanus

Intern 'fest'

Monday, April 3

6:00–9:00 p.m. **IN1**

GENERAL SESSIONS

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

TUESDAY, APRIL 4

8:00–9:15 a.m. **T21** • Mind Mapping • *Bill R. Cashell*

8:00–9:15 a.m. **T22** • Go Paperless with PDF • *Angie Okamoto*

11:00 a.m.–12:15 p.m. **T23** • Risk Management for the Real World: Tools and Techniques Anyone Can Use • *Ronald A. Woerner*

1:00–2:15 p.m. **T24** • Virtualization — Background, Risk and Controls • *Michael T. Hoesing*

2:45–4:00 p.m. **T25** • Everybody's Got VoIP…Or Do They?
Wade Brower

WEDNESDAY, APRIL 5

8:00–9:15 a.m. **W21** • Introduction to Enterprise Architecture • *Mark A. Roth*

9:30–10:45 a.m. **W22** • A Crash Course in Web Usability • *Jason B. Shepherd*

11:00 a.m.–12:15 p.m. **W23** • Applying CRM Tools & Principles to IT Management • *David Foxall*

2:45–4:00 p.m. **W24** • Keys to Project Success • *Ken A Koch*

SECURITY TRACK

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

TUESDAY, APRIL 4

11:00 a.m.–12:15 p.m. **T41** • Security Awareness Training • *Deborah J. Eagan, CISSP, CCP*

1:00–2:15 p.m. **T42** • Tactics of Information Warfare • *Shane Farris*

2:45–4:00 p.m. **T43** • NUCIA Lightening: Recent Discoveries
Stephen M. Nugen

WEDNESDAY, APRIL 5

8:00–9:15 a.m. **W41** • Measuring An Information Security Program • *Chris A. Curin*

9:30–10:45 a.m. **W42** • Are You At Risk? • *Ty Kirk*

11:00 a.m.–12:15 p.m. **W43** • An Overall View of Security • *Greg Allen and Michelle L. Pitman*

2:45–4:00 p.m. **W44** • Computer Security Snake Oil
Aaron J. Grothe

I.T. PROJECT MANAGEMENT (ITIL – CobiT)

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

TUESDAY, APRIL 4 / WEDNESDAY, APRIL 5

8:00 a.m.–5:00 p.m. **IT1** • I.T. Project Management (ITIL – CobiT) • *David Kohrell*

INFOSEC BREAKFAST

TUESDAY, APRIL 4

8:00 a.m. • Complimentary breakfast and discussion of Information Security topics with local and national experts • Requires separate registration via email sent to: dyann@esellerate.net

KEYNOTE SPEAKERS

TUESDAY, APRIL 4

9:30 a.m. **K1** • The Coding Tail and the Data Dog • *Jonathan Lewis*

WEDNESDAY, APRIL 5

1:00 p.m. **K2** • WiMAX • *Tom Tofigh*

TECHNOLOGY CELEBRATION BANQUET & AWARDS

TUESDAY, APRIL 4

Reception: 5:30 p.m. • Dinner: 6:00 p.m. • Qwest Center – OMAHA, Ballroom • Guest speaker: *Steve Wozniak* • Requires separate registration. Call 402-345-5025 x100 or access www.aiminstitute.org/banquet

BUSINESS SYSTEMS TRACK

7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00

WEDNESDAY, APRIL 5

8:00–9:15 a.m. **W11** • Snake in the WoodPile — Spyware in the PC • *William H. Hayes*

9:30–10:45 a.m. **W12** • Implementing Application Servers for High Availability! • *Ashok Singh*

2:45–4:00 p.m. **W14** • Future Tense: What the Trends in Information
Technology Mean to Your Business
Al Todd

EXECUTIVE SYMPOSIUM

WEDNESDAY, APRIL 5

By invitation only • Hosted by AIM Institute and Cox Business Services

Location

infotec is taking place at the Qwest Center OMAHA. Overlooking the Missouri River, the state-of-the-art facility is the centerpiece in the redevelopment of Omaha's downtown riverfront corridor.

455 North 10th Street • Omaha, NE 68102 • 402-341-1500

Parking

The cost of Qwest Center OMAHA surface parking is $6 per day. There are no in-and-out privileges.

EARLY SEMINAR REGISTRATION = FREE PARKING! infotec will provide complimentary parking to all conference seminar attendees who register for a paid session on or before March 20, 2006. Complimentary parking will be at the designated Qwest Center OMAHA surface parking lot during the day(s) you attend your seminar(s).

Iccp Approval

The **infotec** 2006 Conference has been approved by the Institute for Certification of Computing Professionals (ICCP). Contact hours will be granted to individuals who have a Certified Computing Professional (CCP) certificate. Any questions on recertification can be directed to:

ICCP
2350 E Devon Ave, #115
Des Plaines, IL 60018-4610
847-299-4227

Bill Justsen Computer History Museum

infotec 2006 will once again feature the ever-popular Bill Justsen Computer History Museum. As a tribute to longtime DPMA/AITP member and museum founder Bill Justsen, **infotec** will continue the tradition of rolling out an eclectic (and electric) collection of computing memorabilia to provide a nostalgic look at prior years of computing…..and for the younger generation, a reminder of the foundation years of "automated data processing"

Hotel, Air and Car Discounts

Hotel

Participants of **infotec** are entitled to special rates on sleeping rooms at the Courtyard Omaha Downtown. Located in the heart of the downtown/Old Market area in a beautifully restored historic building, each room has 2 dual-line phones with data ports & voice mail, in-room coffee, hair dryer, iron and ironing board. Free parking and free high speed Internet access. Room rates for participants of **infotec** are $129 Single/Double plus applicable taxes.

Call 800-321-2211 or 402-346-2200 and mention **infotec** to receive your special room rate. Reservations must be made by March 10, 2006 to receive your special rate. After March 10, 2006 reservations and rate are subject to availability.

Airfare

United Airlines is offering area pricing fares and special meeting fares for all attendees of **infotec**. You can check area pricing fares and/or book through your preferred travel agent or call United's Special Meeting Desk at 800-521-4041. Be sure to reference Meeting ID Number 509CN when making your reservations.

Car Rental

Avis Rent-A-Car is offering special rates for all attendees of **infotec.** For reservations call your preferred travel agent or call Avis at 800-331-1600 or access www.avis.com. Mention AWD #J992310 to receive these rates.

Grand Prize Giveaway

Register to Win a Flat Screen TV!!!!

◆ Register at *infotec* before 1:30 p.m., April 5

◆ Must be 18 or over to register

◆ You need not be present to win the Grand Prize, however you must register at the *infotec* exhibition and have a designated representative available at the final drawing in event of your absence
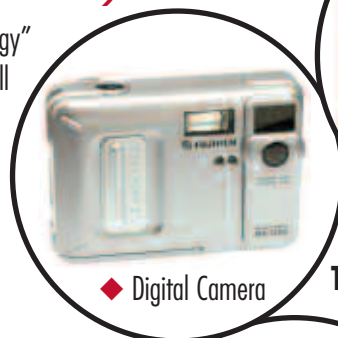
Actual prize may vary in likeness

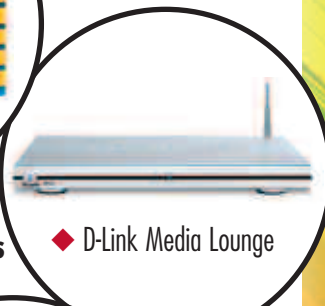# More Chances to Win

Adventure in Technology Bonus Prizes

Register to win an "Adventure in Technology" bonus prize at *infotec*. Bonus prizes will be given away to lucky winners each day at the *infotec* exhibition.
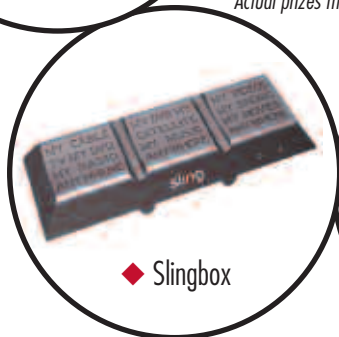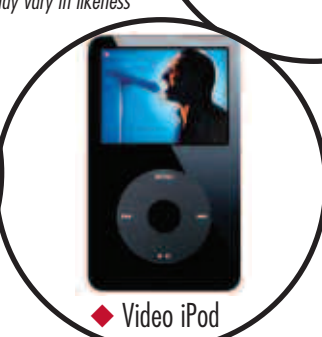
◆ PVR Card

◆ Digital Camera

Adventure in Technology Bonus Prizes
Actual prizes may vary in likeness

◆ D-Link Media Lounge

◆ Slingbox

◆ Video iPod

Take a Guess

All attendees of the *infotec* exhibition will have the opportunity to "Crack" the safe by guessing the 5-digit combination. Guess it right and win a brand new Hummer H3 accompanied by $10,000 of gas!

Book Giveaway

infotec has teamed up with SecurityPosture, Dr. Fred Cohen and Winn Schwartau to provide a limited amount of security-based books to randomly selected doorprize registrants at the *infotec* exhibition.

You need not be present to win the Grand Prize, Adventure in Technology bonus prize or Security-based books, however you must register at the infotec exhibition.

Keynote Speakers

9:30 a.m.

K1 The Coding Tail and the Data Dog

Jonathan Lewis
JL Computer Consultancy
Sole Proprietor

The theme will be the waste of resources that takes place because database technology is not used suitably; and too much time and effort is spent trying to avoid database technology, rather than taking advantage of it. With the result that many applications are too expensive, perform badly, and do not keep the data safe. There will be some technology specific examples in the presentation to demonstrate the points being made.

Jonathan Lewis is a freelance consultant with more than 17 years experience in using the Oracle database engine. He specializes in design, trouble-shooting, and advanced training in best use of the engine. Jonathan is a frequent speaker on the international circuit, with presentations lasting from 45 minutes to 3 days.

His first book "Practical Oracle 8i" is still worth reading, despite being two generations behind the latest version, and his most recent book "Cost Based Oracle Fundamentals" is currently receiving enthusiastic reviews. Jonathan is currently a director of the UK Oracle User Group.

1:00 p.m.

K2 WiMAX

Tom Tofigh
AT&T Labs Research
Principal Member of Technical Staff, Architecture, WiMAX Forum application Working Group Chair

This keynote address will discuss WiMAX trends and a road map to WiMAX deployment for fixed and mobile carriers as well as the criteria for a successful deployment and its execution dynamics.

WiMAX is a coined term or acronym meaning worldwide interoperability for microwave access (WiMAX). WiMAX is a standards based initiative that is being driven by a group of companies that make up The WiMAX Forum. Its purpose is to ensure that the broadband wireless equipment manufactured for customer use interoperates from vendor to vendor.

Tom Tofigh is a member of the AT&T architecture team. He is responsible for AT&T strategic venture technology evaluation and start-up technical evaluations. Currently, he supports the at&t labs advanced services and architecture.

Tom has worked in semiconductor companies as director of product management, and has consulted and worked for a number of start-ups and had responsibility for software and systems development of access switches.

Executive Symposium

Hosted by:

The infotec Executive Symposium, sponsored by COX Business Services and the AIM Institute, provides senior IT leadership an opportunity for interactive conversation with the top talent and guest speakers that are pulled together for the infotec Conference and Exhibition. Invitation is by 'invite only', so watch your mail. Or show this page to your senior IT executive. You might get a fine "Thank You" for the early notice.

Meet the Speaker: Private session Q&A with Steve Wozniak, co-founder, Apple Computer, Inc and guest keynote at the annual Technology Celebration Banquet, held the prior evening at the Qwest Center. Mr. Wozniak, (Woz), will join us for an open discussion on Wednesday morning.

Technology and the Law: Return engagement of our popular panel of attorneys addressing current topics, relevant issues and answering your questions as only this group can. (Remember, this is 'free and public' comment. You get what you pay for. But it's always some version of fun and it is interesting.)

Data Visualization and Visual Story Telling: Dr. Jerry Wagner, University of Nebraska at Omaha, The Peter Kiewit Institute, will share perspectives on this special area of interest and the program that PKI has developed. Models of effective communications via presentation techniques will be shared.

Special Guest Speaker: To be announced in invite material.

8:00 A.M. – 5:00 P.M. (8 HOURS)

PT30
Effective Virtual Team Management

David L. Kohrell
Technology As Promised, President

This workshop will equip students with the background, understanding and discoveries needed to becoming proficient at participating in and managing virtual teams. Participants are encouraged to bring their own wireless enabled laptop computers to complete this course within a simulated virtual team environment at www.tapuniversity.com

Underlying concepts that are investigated include:
• Structure of Virtual teams
• Swift Trust & Establishing Rapport
• Diverse Team Members
• Virtual team conflict – PRE-EMPT conflict
• Role clarity & reducing ambiguity
• Global Teams

Several tools are explored and applied to support those concepts:
• E-mail, chat and e-bulletin boards
• Discussion forums and instant messaging
• Wiki's/blogs/journals/forums/shared glossaries
• Web site/portals/shared document repositories
• Video conferencing
• Teleconferencing/telephony

8:00 A.M. – 12:00 NOON

PT21
Putting the Power in PowerPoint Presentations

Bill R. Cashell
Communicate for Success, Performance Consultant

Microsoft PowerPoint is probably the most used and misused form of presentation. Have you ever attended or created a PowerPoint with basic bullet points and wondered why it put everyone to sleep? Maybe it's not the information; maybe it's the presentation. If people leave your PowerPoint presentation armed with confusion and wonder, your presentation has failed. In a sales situation presenting information properly to prospects is vital. From introducing a product or service to closing the sale, business cannot afford to have people walk away thinking you've wasted their time. This workshop will show how to use PowerPoint effectively and captivate your audience for real impact.

PT31
Thrive and Survive the Change Constant

Rita F. Bartlett
Response-Ability Resources, President

The "Change Constant"…on face value it's a contradiction in terms. "Constant" evokes visions of consistency, permanency, stability. "Change" is defined as modification, alteration and transition – anything but consistent and permanent. It's normal to have strong feelings about change. Change can be unsettling, and every change involves some degree of risk and adjustment. People often resist change because they fear losing control, setting themselves up for stress that can be difficult to manage. Though stress is an important part of everyday living, even essential, unmanaged stress can lead to a host of ills. There is no right or wrong way to feel about change. This has been called the "Age of Instability", where managing change is everybody's job. The techniques you develop to adapt and adjust to change can help you "Thrive" and "Survive" in today's ever-changing world.

PT51
User Interface Design Principals

Lee D. Fraley
ConAgra Foods, Senior Systems Analyst

A well designed Graphical User Interface can greatly increase an applications use. Designing a GUI can be both a time-consuming and tedious effort for developers who are more focused on algorithms and routines vs. look and appearances. This session serves as an introduction to the study of Human-Computer Interaction (HCI). Guidelines on how to design an effective, efficient, and productive user interface will be introduced through the topics of Principals of Screen Design, Form Layouts, Colors, and Control Elements.

1:00 – 5:00 P.M.

PT22
Business Process Management

Narender Singh Rajaputhra
E*Pro Inc, Chief Technology Officer

Streamlining and automating business processes continues to have a high priority to reduce costs and extend internal process to clients. However, firms face challenges to automate business processes with technology. For example, companies do not want to incur the costs to change or redeploy software applications or systems each time a change in a business process occurs. Organizations need the flexibly to change business process without waiting for IT to change the software programs. This desire coupled with emerging technologies has led to a new paradigm of process management for enterprise systems Business Process Management (BPM).

Computer Sciences Corporation defines BPM as a "synthesis of process representation and collaboration technologies that removes the obstacles blocking the execution of management intentions." BPM is the blending of management theory (quality management, Six Sigma, business engineering etc.) with information systems, such as application lifecycle, workflow, XML, and Web services. This fusion makes it possible for companies to manage business processes with greater flexibility.

PT32
Leadership by Design – How to Develop a High Performance Team

Rose Mary Hefley
Achievement Unlimited, Inc., President

In this seminar, you'll learn how to create a powerful team and build it for success using proven strategies that really work. You'll learn the fundamentals of successful teams, and how the team model functions.

This seminar will cover:
• The definition of a high performance team and how it works
• The three elements of High Performance teams
• Determine performance results expected of team members
• Identify ideal characteristics of your team
• Develop a set of team operating norms

PT62
Wireless Networking 101

Rick K. Sweeney
Creighton University Medical Center,
Network Engineer

This session will discuss the basics of wireless networking. If you are a manager needing information about wireless networking so you can better understand your technical staff or if you are a new comer to the technology field this session will help you gain a better understanding of wireless technology and vocabulary. Topics to be covered are: Radio and Mobile Communications History; Types of Wireless Networks; Infrared Transmissions; Laser Transmission; Radio Frequency Transmission; Bluetooth; Wireless LANs; IEEE 802.11 and 802.11x Standards; Wireless Terms / Hardware; Wireless Security; Wireless Channels; Voice over IP (VoIP); Wireless Advantages and Disadvantages

All topics will be a basic overview intended to give you a better grasp on what wireless network is and where it fits in your organization.

Monday, April 3

8:00 a.m. – 5:00 p.m. (8 hours)

PT30
Effective Virtual Team Management

David L. Kohrell
Technology As Promised, President

The purpose of this workshop is to equip students with the background, understanding and discoveries needed to becoming proficient at participating in and managing virtual teams. Participants are encouraged to bring their own wireless enabled laptop computers to complete this course within a simulated virtual team environment at www.tapuniversity.com

Underlying concepts that are investigated include:
• Structure of Virtual teams
• Swift Trust & Establishing Rapport
• Diverse Team Members
• Virtual team conflict – PRE-EMPT conflict
• Role clarity & reducing ambiguity
• Global Teams

Several tools are explored and applied to support those concepts:
• E-mail
• Discussion forums
• Chat and e-bulletin boards
• Instant messaging
• Wiki's/blogs/journals/forums/shared glossaries
• Project web site/portals/shared document repositories
• Video conferencing
• Teleconferencing/telephony

8:00 a.m. – 12:00 noon

PT31
Thrive and Survive the Change Constant

Rita F. Bartlett
Response-Ability Resources, President

The "Change Constant"...on face value it's a contradiction in terms. "Constant" evokes visions of consistency, permanency, stability. "Change" is defined as modification, alteration and transition — anything but consistent and permanent. It's normal to have strong feelings about change. Change can be unsettling, and every change involves some degree of risk and adjustment. People often resist change because they fear losing control, setting themselves up for stress that can be difficult to manage. Though stress is an important part of everyday living, even essential, unmanaged stress can lead to a host of ills. There is no right or wrong way to feel about change. This has been called the "Age of Instability", where managing change is everybody's job. The techniques you develop to adapt and adjust to change can help you "Thrive" and "Survive" in today's ever-changing world.

1:00 – 5:00 p.m.

PT32
Leadership by Design — How to Develop a High Performance Team

Rose Mary Hefley
Achievement Unlimited, Inc., President

In this seminar, you'll learn how to create a powerful team and build it for success using proven strategies that really work. You'll learn the fundamentals of successful teams, and how the team model functions.

In this seminar we will cover:
• The definition of a high performance team and how it works
• The three elements of High Performance teams
• Determine performance results expected of team members
• Identify ideal characteristics of your team
• Develop a set of team operating norms

INTERN 'fest'

Monday, April 3

IN1

6:00 – 9:00 p.m.

The 2nd Association of Information Technology Professionals (AITP) regional INTERN 'fest' will be held at the QWEST Center OMAHA with **infotec**. This workshop and contest will provide the opportunity for the area's leading Intern programs to match-up with the leading interns candidates. It will promote and enhance Internships for the development and Information Technology future professionals. The INTERN 'fest' will consist of:

• Welcome reception
• Keynote and Panel Discussions on Internship opportunities in the region.
• Contest to find the areas "Most Eligible" Information Technology Intern
• Formal 'meet and greet' information exchange with representatives from our leading Intern Programs.
• Advisory sessions with human resources representatives and school intern programs.

In addition, this year during **infotec** in the exhibit hall we will be sponsoring presentations on opportunities for Information Technology Professionals as part of our "Adventures in Information Technology Careers".

Sponsored by:

aitp OMAHA

Please access
www.infotec.org
for complete
session details

Admission is complimentary however You must register to attend

Solid Foundations Oracle track

Monday, April 3

SF1
Solid Foundations

7:30 – 8:00 a.m.
Check-in and Continental Breakfast

8:00 – 10:00 a.m.
All About Binding

Tom Kyte
Oracle Corporation, Vice President, Core Technologies

We'll briefly overview why it is extremely important with regards to performance, scalability and even security but quickly move into topics such as: Do I always want to bind? (Surprisingly, the answer is no.) What is bind variable peeking? Is it good or evil in disguise or a bit of both? So the developers don't bind? Is cursor_sharing = force/similar appropriate system wide? (Emphasis will be on the reasons why setting cursor sharing at the instance level is not such a good idea.) What is the real difference between cursor_sharing = force/similar and which should we use under what circumstances? The presentation will be practical, with many examples and hard numbers you can use in your day-to-day work.

10:00 – 10:15 a.m.
Break

10:15 a.m. – 12:15 p.m.
CBO — Avoiding Confusion

Jonathan Lewis
JL Computer Consultancy, Sole Proprietor

Oracle's cost-based optimizer is a complex and confusing piece of software, but a large fraction of what it does can be described through some simple examples. In the first part of this presentation we examine a few key features that will help us to understand how the optimizer makes it decisions, and with this understanding we can then work out the best way to help it make better decisions. In the second part of the presentation we then look at some of the ways in which the optimizer does things that we don't expect, and reaches conclusions that clearly (to the human eye) do not make sense. When we recognize the problems, we can find the correct way to help the optimizer do the right thing.

12:30 – 1:15 p.m.
Lunch

1:15 – 2:00 p.m.
Keynote Speaker
Why: Why Why is Probably the Right Answer

Tom Kyte
Oracle Corporation, Vice President, Core Technologies

This is a keynote type of presentation. If you ask someone a question and they ask why or for clarification/more information is that rude? Insulting? Unproductive? Presumptuous? Do you think it is insulting to be asked to justify what you are asking to do? Especially in an environment where the people talking to each other do not necessarily know each other — Like an internet discussion forum. I don't think so and I'll tell you "why".

2:00 – 2:45 p.m.
Keynote Speaker
How to Test

Jonathan Lewis
JL Computer Consultancy, Sole Proprietor

What's the difference between tuning and troubleshooting? One happens before you go into production, one happens afterwards. The problem with tuning is that you need a lot of correct information up front if you are going to create a database system that works, and finding that information can be difficult. In the absence of perfect information, you have to guess — and that's when it becomes necessary to be good at creating cheap, inventive, destructive, test cases. This presentation gives you some insight into the process.
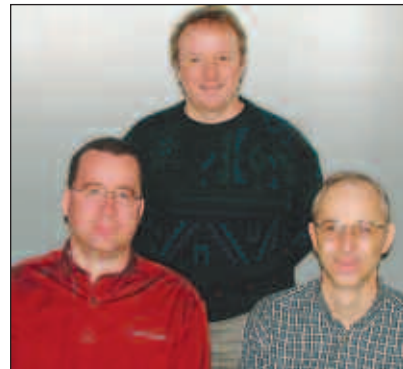
2:45 – 3:00 p.m.
Break

3:00 – 5:00 p.m.
Panel Discussion
Designing for Efficiency

Tom Kyte
Oracle Corporation,
Vice President,
Core Technologies

Jonathan Lewis
JL Computer Consultancy,
Sole Proprietor

House of Brick Technologies, Partners, David Woodard, Mike Stone, Dave Welch

House of Brick TECHNOLOGIES.
End-to-End Oracle and Unix Performance

Software Track

Monday, April 3

8:00 a.m. – 12:00 p.m.

PT51
User Interface Design Principals

Lee D. Fraley
ConAgra Foods, Senior Systems Analyst

A well designed Graphical User Interface can greatly increase an applications use. Designing a GUI can be both a time-consuming and tedious effort for developers who are more focused on algorithms and routines vs. look and appearances. This session serves as an introduction to the study of Human-Computer Interaction (HCI). Guidelines on how to design an effective, efficient, and productive user interface will be introduced through the topics of Principals of Screen Design, Form Layouts, Colors, and Control Elements.

Tuesday, April 4

8:00 – 9:15 a.m.

T51
Microsoft Integration Technologies: When to use what?

Sally Elatta
ASC Information Technology, Corporate Technology Architect/Training and Development

FREE SESSION

There is no silver bullet for application integration. Different situations call for different solutions, each targeting a particular kind of problem. While a one-size-fits-all solution would be nice, the inherent diversity of integration challenges makes such a simplistic approach impossible. To address this broad set of problems, Microsoft has created several different integration technologies, each targeting a particular group of scenarios. By having an understanding of the options available, you can simplify the process of choosing the best Microsoft technologies for your company. This seminar will provide an overview and better understanding of when to use integration solutions such as Biztalk 2006, SQL Service Broker (SSB), Host Integration Server (HIS), SQL Server Integration Services (SSIS) & SQL Server Replication.

1:00 – 2:15 p.m.

T53
Relevance of Open Source Software in the Modern IT World

Adam Haeder
AIM Institute,
Vice President of Information Technology

A basic overview of the history and methodology of open source software. How is the open source software model different from the traditional development model? Find out how you can take advantage of this for the betterment of your organization.

2:45 – 4:00 p.m.

T54
SOA-Driven Project Management, Strategy & Planning

Raveendra V. Boggaram
Union Pacific Railroad,
Manager

Service-oriented architecture (SOA) implies a greater focus on Business Value™ as a result of maximum agility and flexibility. Wide spread adoption of SOA and Web service technologies without much planning, strategy and concern for managing it will only realize a small fraction of the potential benefits of ROI and TCO (and, in some cases, may actually increase costs). In addition, ad hoc implementations can lead to new risks, deteriorated service levels experienced by customers, and longer resolution times for production problems.

This presentation will analyze some of the SOA management strategies that let organizations contain and control the risks while unlocking the full potential of the ROI and TCO benefits of SOA technologies. The presentation will throw light on: Pre-SOA analysis (Key SOA business & technology drivers, SOA Assessment), SOA migration plan, Typical SOA architecture roadmap & Best Practices, Selection and deployment of right infrastructure in SOA management, SOA project planning (SOA Roles and Skills, SOA project phases, SOA Governance, SOA Risk mitigation strategies); Sample SOA project ROI calculation and SOA Management Best Practices.

Wednesday, April 5

8:00 – 9:15 a.m.

W51
Human Factors Engineering

Vanessa L. Wagner
Vanguard Research, Inc., Senior Analyst

Human Factors Engineering is a broad topic which covers such diverse topics as the design of an aircraft cockpit to the layout of your office space. This discussion will focus on the presentation of data on a computer screen. What is presented and how it is presented is especially important to those who must make decisions and give directions rapidly. Data must be unambiguous and presented in terms the decision maker understands immediately. Participants should leave this session with an understanding of the importance of HFE and what is required to implement it at their company.

9:30 – 10:45 a.m.

W52
Using SOA to Bring Disparate Systems Together

Beth G. Schmidt
Farm Credit Services of America,
Director, Applications Development

John Weland
Quilogy, Solutions Architect

FCSAmerica implemented a Service Oriented Architecture solution called "PinWheel" to bring disparate data from 4 major systems together into a central repository. Changes to the data are shared near real-time using a publish and subscribe methodology with BizTalk 2004 as the hub and owner of the business rules. This system was rolled out along with a rewrite of the Loan Application system and other system enhancements, resulting in a drastic reduction in manual keying of data. Financial Officers now have more accurate information and the ability to spend more time building relationships with customers. This project was selected as a Microsoft Case Study which can be found at: http://members.microsoft.com/CustomerEvidence/Search/EvidenceDetails.asp

11:00 a.m. – 12:15 p.m.

W53
Scalable OLAP Based Web Applications: A Case Study

Swapan K. Golla
Gallup, Lead Developer

Kiran Kumar
Gallup, Database Administrator

The Gallup Organization is one of the most well recognized consumer and market research firm in the world and the majority of our primary business deals with data. The current Oracle OLAP products are geared for the traditional analysis with high degree of interactivity.

Our business needs involve a web based presentation layer with multiple cross tabs and graphs and integrated with an existing in-house security infrastructure. On the database side, a custom ETL process was developed with customized business rules. The cube design supports normal, skip level and ragged hierarchy dimensions.

A SQL based approach was implemented after due regression analysis. This solution met our scalability requirements. This solution involved an infrastructure for SQL generation. This presentation provides an analysis of our experiences in creating a scalable web application and also presents results of our regression tests.

2:45 – 4:00 p.m.

W54
Panel Discussion: Agile Software Development

Ann Fruhling
Peter Kiewit Institute, Professor

Gary Overgard
Northern Natural Gas Company, Sr. Software Engineer

Alan Wostenberg
Northern Natural Gas Company, Sr. Architect

Shannon Treblic
Vanguard Research Sr. Software Engineer

Kim Tyser
Vanguard Research, Sr. Software Engineer

Emily Hart
Vanguard Research, Sr. Software Engineer

In this panel discussion we will discuss our experiences with Agile software development. Find out the experiences of the panel members working both in new development and legacy systems. Discover the pitfalls and benefits of introducing Agile software development to your shop. Agile software development should bring the following to mind: Short cycles; Test first strategies; Pair programming; High value deliveries first; Minimalist architectures.

The Agile manifesto has been stated as:
- Individuals and interactions over processes and tools
- Working software over comprehensive documentation
- Customer collaboration over contract negotiation
- Responding to change over following a plan

Infosec Breakfast
TUESDAY, APRIL 4 • 8:00 A.M.

Complimentary breakfast and discussion of Information Security topics with local and national experts.

REQUIRES SEPARATE REGISTRATION VIA EMAIL SENT TO: dyann@esellerate.net

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Technology Celebration Banquet & Awards

With special guest speaker Steve Wozniak, pioneering engineer, Co-Founder, Apple Computer, philanthropist, Founder, Chairman & CEO, Wheels of Zeus, Woz

QWEST CENTER OMAHA – BALLROOM
TUESDAY, APRIL 4, 2006
RECEPTION: 5:30 P.M.
DINNER: 6:00 P.M.
(advance registration required)

Sponsored by:

AIM

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The Applied Information Management Institute is pleased to host the 13th Annual Technology Celebration and Awards Banquet in conjunction with *infotec* 2006. You and your guests are invited to attend this special event to honor individuals and organizations recognized by their peers as leaders in the regional IT community.

TO REGISTER CALL 402-345-5025 x100 OR ACCESS WWW.AIMINSTITUTE.ORG/BANQUET

Tuesday, April 4

8:00 – 9:15 a.m.

T21
Mind Mapping

Bill R. Cashell
Communicate for Success, Performance Consultant

Mindmapping is one of the simplest, yet most powerful tools a person can have in his or her creativity toolbox. It is a non-linear way of organizing information and a technique that allows you to capture the natural flow of your ideas. They are helpful for project planning, creative thinking, allowing you to access multiple intelligences and generate new ideas. Mind Maps help you to organize ideas, both your own and those of other people. They help you organize information from books, workshops and meetings. Creating Mind Maps increases memory and learning. Other applications for Mind Maps include: Creative thought and problem solving; Writing; Web site design; Planning; Note-taking; Dialogue and group works; Making decisions; Design; Teaching and giving presentations.

T22
Go Paperless with PDF

Angie Okamoto
Technology Education Solutions, Inc,
Director of Corporate Training

PDF files aren't just for viewing and printing documents. This presentation will include a demonstration of the many functions and unknown features available in the Free Adobe Reader software. Various examples of intelligent PDF forms and documents will be viewed and discussed. PDF offers numerous document management solutions which will, also, be introduced.

11:00 a.m. – 12:15 p.m.

T23
Risk Management for the Real World: Tools and Techniques Anyone Can Use

Ronald A. Woerner
ConAgra Foods, Inc., Senior Security Risk Analyst

In the real world, security groups often struggle to provide executives with business justifications that demonstrate what they are bringing to the table: provide safety and security by identifying risks and ensuring they are properly mitigated. Fortunately, a number of inexpensive and free risk management packages are available that attach real numbers to those threats, vulnerabilities and risks. This session provides an overview of those tools and helps you take your risk management program to the next level: tying security to the business.

1:00 – 2:15 p.m.

T24
Virtualization — Background, Risk and Controls

Michael T. Hoesing
First National Nebraska Inc,
IS Audit & Information Assurance Manager

The advancement of x86 based system processing capabilities has enabled virtualization to become effective on more affordable platforms. In addition to cost savings, additional benefits of testing in different operating systems on one host, the ability to run application versions parallel, business continuity possibilities and other opportunities exist when one can run multiple operating systems on one machine simultaneously. This session will compare and contrast current choices in x86 virtualization. Discussion will include risks of virtualization and related controls, configuration suggestions, and describe implementation strategies.

2:45 – 4:00 p.m.

T25
Everybody's Got VoIP...Or Do They?

Wade Brower
LightEdge Solutions, Inc., Director of Sales

VoIP or Voice over Internet Protocol is a term used in IP Telephony for a set of facilities for managing the delivery of voice information using the Internet Protocol (IP). In this session we will discuss the features & benefits of VoIP, what is required to implement VoIP service, what to look for in a VoIP provider, voice market statistics, and types of VoIP offerings. The purpose of our presentation is to help the session attendees to discover which solutions are best suited for their requirements.

Wednesday, April 5

8:00 – 9:15 a.m.

W21
Introduction to Enterprise Architecture

Mark A. Roth
SAIC, Senior Scientist

Enterprise Architecture (EA) represents the holistic expression of the enterprise's key business, information, application, and technology strategies and their impact on business functions and processes. EA is the bridge between business strategy and implementation. EA defines how business vision, models, and policies together with environmental factors (regulation, taxes, etc.) are used to produce IT's technical infrastructure and systems, and the programs that manage them. This presentation provides an introduction to Enterprise Architecture including concepts, benefits, and pointers to the literature.

9:30 – 10:45 a.m.

W22
A Crash Course in Web Usability

Jason B. Shepherd
Bass and Associates, Inc., Consultant

Many people erroneously believe that designing good Web user interfaces is simply a matter of applying common sense. Why then are there so many cumbersome, inefficient Web applications on the market today? In this highly interactive presentation, Jason will demonstrate techniques for designing and evaluating Web user interfaces. Jason will also describe ways that an organization can help support user-centered software development.

11:00 a.m. – 12:15 p.m.

W23
Applying CRM Tools & Principles to IT Management

David Foxall
Tigerpaw Software, Inc., CEO

Much like a commercial enterprise, your IT department services customers. While they may be defined as users, they are your customers first and foremost.

Customer relationship management (CRM) and business process optimization (BPO) have proven to be incredibly effective tools used by the service industry to achieve a similar adaptation. CRM tools and concepts have forged deeper and more widespread customer satisfaction, because they foster a single, 360-degree view of the customer. Using these tools, customer service and care is handled more swiftly, accurately, and efficiently.

This success story is beginning to play out again inside the corporate walls by IT department management who have redefined users as their customers. Effective, integrated, end-to-end CRM is enabling these forward-thinking managers and directors to streamline their departments, reduce costs, improve customer self-service, tighten asset control, monitor and prioritize workload, categorize incidents, reduce recurring incidents, detect defects, and much more.

2:45 – 4:00 p.m.

W24
Keys to Project Success

Ken A Koch
Business Resource Management, Inc., President

When everything appears to be headed in the wrong direction, what can be changed? When a project is about to start, what steps are the most critical to ensure success? This session will help answer these and the many other questions around how to position both large and small projects for successful outcomes.

Wireless Track

Monday, April 3

1:00 – 5:00 p.m.

PT62
Wireless Networking 101

Rick K. Sweeney
Creighton University Medical Center,
Network Engineer

This session will discuss the basics of wireless networking. If you are a manager needing information about wireless networking so you can better understand your technical staff or if you are a new comer to the technology field this session will help you gain a better understanding of wireless technology and vocabulary. Topics to be covered are: Radio and Mobile Communications History; Types of Wireless Networks; Infrared Transmissions; Laser Transmission; Radio Frequency Transmission; Bluetooth; Wireless LANs; IEEE 802.11 and 802.11x Standards; Wireless Terms / Hardware; Wireless Security; Wireless Channels; Voice over IP (VoIP); Wireless Advantages and Disadvantages

All topics will be a basic overview intended to give you a better grasp on what a wireless network is and where it fits in your organization.

Tuesday, April 4

8:00 – 9:15 a.m.

T61
Telecommunications Affecting the Enterprise

Glenn Leatherwood
Valmont Industries, Inc., Network Services Manager

Telecommunications for the Enterprise has seen significant shifts and changes over the last 5 years, with more change about to occur. These changes affect our methods to conduct business and provide ready information and access to employees. How do you provide the best bang for the Enterprise and not fall short before that contract is up?

Voice network:
Have you hugged your Customer Service Rep today? They could make or break you. What to do when you have had it up to hear with USOCs and the infamous its in the tariff excuse when you ask a hard question. Telecommunication providers may not have shown you their entire product portfolio. What we found? How do you think Voice over IP affects you in the next 24 months?

Data network:
Frame-Relay? Its out there, but where's it hiding? Leveraging this mid-life crisis network delivery can save your company money if you know where to look and how to apply it. MPLS, BGP, OSPF, lmnop (did I leave any letters out?) what does this all mean when the account rep and his side-kick techie shows up? Any to Any networking, is it for you? The industry thinks so, but what is the real story, and what do you give up? What do you get?

11:00 a.m. – 12:15 p.m.

T62
Implementing VoIP Telephony Systems

Tom Volz
MSI Systems Integrators,
IPC Solutions Project Manager

VoIP Telephony business solutions are no longer considered emerging technologies, but rather now being included as part of the core Information Technology architecture. It's estimated that one of every five business in Omaha will consider a telephony upgrade or replacement within the next five years. Does your company understand the differences and complexities when comparing traditional PBX phone systems with a VoIP Telephone systems? Does your company understand the benefits of a converged voice, video and data architecture? This session will address the challenges of choosing a VoIP Telephony Business Solution and review implementation "best practices".

1:00 – 2:15 p.m.

T63
MPLS Role in Delivery of Mission Critical Enterprise Services

Umesh Kukreja
Atrica Inc, Director of Product Marketing

To meet the bandwidth and resiliency needs of today's emerging broadband services, carriers are increasingly deploying Carrier Ethernet networks. These L2/MPLS architectures enable the cost-effective deployment of mission-critical enterprise services, while delivering the QoS and SLAs these services require.

This presentation will discuss the key deployment architectures being considered by major Enterprises. It will review how innovative SLAs for Ethernet services can be used to create private networks for Internet access services, storage networks and upgrades for existing Frame Relay and ATM networks.

2:45 – 4:00 p.m.

T64
Wireless Security and Legal Update

Cathy Hanus
Michael Hanus

Review of what is new in wireless security and legal issues of wireless

Tuesday, April 4

11:00 a.m. – 12:15 p.m.

T41
Security Awareness Training

Deborah J. Eagan, CISSP, CCP
Lincoln Electric System, IT Security Manager

Companies are increasingly reliant on computers and the Internet to do business. It's more important than ever that Information Systems be reliable and readily available. Connectivity to external entities and the Internet is growing in importance. Mobile devices have increased business functionality, productivity, efficiency & effectiveness. At the same time they have increased threats and risk to Information Systems. The assurance of computing facilities and data are critical to the success of the business.

This presentation will address these issues and inform users how to build security into their job. The following are some the topics addressed: Trends – Changing Threat Environment; Malicious Software & Organized Crime; Phishing and Pharming; Identity Theft – 1# complaint to the FTC; Top 10 ways to protect your Information Systems

1:00 – 2:15 p.m.

T42
Tactics of Information Warfare

Shane Farris
Bass & Associates, Inc., Consultant

Within the last two decades a new type of insidious warfare has emerged that has already reshaped the information technology front lines. Information is a valuable asset to the United States and war has been declared on gaining access to this "information." Information Warfare (IW) is the latest type of warfare. This presentation will discuss topics concerning IW, the different classes of information warfare penetration, and the technology being used behind the scenes. This presentation will focus on who is waging war on information systems, who are the capable ones, and how you defend your information. The presentation will also cover who are the key players in Information Warfare, examples of past cases, and potential risks.

2:45 – 4:00 p.m.

T43
NUCIA Lightening: Recent Discoveries

Stephen M. Nugen
University of Nebraska at Omaha, NUCIA, Senior Research Fellow

This session includes 5–6 "lightening" talks by Nebraska University Consortium on Information

Assurance (NUCIA) faculty and students reporting recent discoveries and research in information assurance, selected for their value to IT professionals. NUCIA is part of the Peter Kiewit Institute and the College of Information Science and Technology at the University of Nebraska Omaha, designated as Center of Academic Excellence in Information Assurance Education by the National Security Agency (NSA).

Wednesday, April 5

8:00 – 9:15 a.m.

W41
Measuring An Information Security Program

Chris A. Curin
Solutionary, Inc.,
Vice President, Banking Security Solutions

Information security is now a corporate governance issue due to regulatory compliance and legal risk. To address these concerns, organizations require:
- A security goal based on business requirements
- A strategy and plan to achieve the goal
- Effective implementation and measurement of results
- Executive involvement and support

The presentation will review effective ways to establish a security goal, quantify the current level of program performance, document the appropriate strategy, and create a plan to close identified security gaps while minimizing the total cost of security. In the context of ISO 17799, HIPAA Security, GLBA, Sarbanes-Oxley, 21 CFR Part 11, BITS, COBIT, and NIST.

9:30 – 10:45 a.m.

W42
Are You At Risk?

Ty Kirk
SES, Senior Security Analyst

In a report earlier this year, Gartner maintained that 70% of attacks against a company's website or web application come at the "application layer" not at the "network" or "system" layer. Application developers and network administrators must work together to protect web applications from being attacked and compromised.

Presentation outline:
- What is Web Application Security?
- The Evolution from Web Sites to Web Applications
- Where Does the Risk Come From?
- Web Application Hack Examples

- Web Applications and HTTP 101
- Web Application Attacks
- Managing & Detecting Vulnerabilities
    - Building a Secure Development Process.
    - Managing Web Application Security Risk
    - Detecting Web Application Vulnerabilities
- Live SQL Injection Demonstration
- Questions and Answers

11:00 a.m. – 12:15 p.m.

W43
An Overall View of Security

Greg Allen
Bellevue University, Program Director/Professor

Michelle L. Pitman
Bellevue University

This presentation will consist of an overall view of the past, present, and future of security measures. We will discuss how security was perceived before 9/11, the era of 9/11, the present trends of security and future trends as well. With this we will discuss how terrorism has evolved and how it is impacting our lives today.

As a result of the 9/11 attacks, the security field has changed dramatically. At one time security was not viewed as a priority in the corporate world. Today many corporations are attempting to prepare themselves for an uncertain terroristic attack that may collapse our economy. Professionalism has now been recognized in the security field as a necessity. With this includes more intense awareness, training, and education as well as the development of the Department of Homeland Security.

United States Strategic Command (US STRATCOM), recognized a need to work with the private industry and form an alliance to protect the various infrastructures within the United States; this partnership is entitled "Partnership To Defeat Terror," (PTDT). By having this alliance, all corporations can participate in the effort to fight the war on terror and succeed.

2:45 – 4:00 p.m.

W44
Computer Security Snake Oil

Aaron J. Grothe
Oracle/DBA

Companies are devoting ever larger amounts of money and resources to improve their Computer Security. Are they getting a good Return On Investment? Or are they just buying Snake Oil? How do you tell the difference between the two? This talk will hopefully help people make better purchases on computer security products and services.

I.T. Project Management (ITIL – CobiT)

Two Day Conference Workshop

8:00 a.m. – 5:00 p.m.

IT1
I.T. Project Management (ITIL – CobiT)

David Kohrell
Technology As Promised, President

Information Technology Project Management is focused on short term, services oriented projects. No longer is I.T. project management the domain of three to five year projects that consume the entire team. Success now requires the ability to nimbly and expertly juggle multiple projects, change requests and enhancements. This two-day class focuses on what you need to do in this environment. Key topics and take aways include the Information Technology Information Library (ITIL), Common Objectives for information and related Technology (COBIT), regulatory compliance (Sarbanes Oxley, GBLA and HIPAA) and change management. This course is delivered by a PMI Registered Education Provider. It is worth 14 PDUs.

Business Systems Track

Wednesday, April 5

8:00 – 9:15 a.m.

W11
Snake in the WoodPile — Spyware in the PC

William H. Hayes
Omaha World-Herald, Information Systems Security Specialist

In this session, information systems security specialist Bill Hayes, will discuss the propagation and detection of Spyware in home offices and small businesses. Bill will first cover the confusing terms used with spyware. Next, he will provide a brief overview of some of the spyware purveyors. From the technical aspect, he will discuss how spyware infests computers and how to recover from a spyware infestation. Both freeware and commercial tools will be discussed.

9:30 – 10:45 a.m.

W12
Implementing Application Servers for High Availability!

Ashok Singh
Fastenal, Lead DBA

In today's computing world every application needs a highly available middle tier to cater to the growing needs of the business .Oracle has also made significant changes to its widely used products Discoverer, Reports and Forms which use Oracle Application Server as their middle tier .This session will discuss a real life high availability architecture of J2EE, Discoverer and Oracle Reports on multiple nodes using the infrastructure and Identity management on a separate node. This is a supported, economical and scalable implementation saving in the number of licenses and machines.

2:45 – 4:00 p.m.

W14
Future Tense: What the Trends in Information Technology Mean to Your Business

Al Todd
Outbound Technologies Inc., Director Web Development

Statements like the infamous "Who needs more than 640K of memory anyway!" are a telling commentary on the hazards of predicting the future. However, it is possible to provide some practical insight to what the future will bring. By looking at not only the computer but, also, Information Technology as a whole we can shed some light on making reasonable decisions on forming IT strategies. Too often predicting the future is tied to "pie in the sky" unrealistic expectations. This seminar looks at practical trends that we can expect to see impacting the business world and how you can plan for them.

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PROFESSIONAL WORKSHOPS
MONDAY, APRIL 3
❏ PT30	8:00–5:00	Effective Virtual Team Management
❏ PT21	8:00–12:00	Putting the Power in PowerPoint Presentations
❏ PT31	8:00–12:00	Thrive and Survive the Change Constant
❏ PT51	8:00–12:00	User Interface Design Principals
❏ PT22	1:00–5:00	Business Process Management
❏ PT32	1:00–5:00	Leadership by Design — How to Develop a High Performance Team
❏ PT62	1:00–5:00	Wireless Networking 101

HUMAN SKILLS TRACK
MONDAY, APRIL 3
❏ PT30	8:00–5:00	Effective Virtual Team Management
❏ PT31	8:00–12:00	Thrive and Survive the Change Constant
❏ PT32	1:00–5:00	Leadership by Design — How to Develop a High Performance Team

SOLID FOUNDATIONS ORACLE TRACK
MONDAY, APRIL 3
❏ SF1	8:00–10:00	All About Binding
	10:15–12:15	CBO — Avoiding Confusion
	1:15–2:00	Why Why is Probably the Right Answer
	2:00–2:45	How to Test
	3:00–5:00	Panel: Designing for Efficiency

SOFTWARE TRACK
MONDAY, APRIL 3
❏ PT51	8:00–12:00	User Interface Design Principals

TUESDAY, APRIL 4
FREE SESSION
❏ T51	8:00–9:15	Microsoft Integration Technologies: When to use what?
❏ T53	1:00–2:15	Relevance of Open Source Software in the Modern IT World
❏ T54	2:45–4:00	SOA-Driven Project Management, Strategy & Planning

WEDNESDAY, APRIL 5
❏ W51	8:00–9:15	Human Factors Engineering
❏ W52	9:30–10:45	Using SOA to Bring Disparate Systems Together
❏ W53	11:00–12:15	Scalable OLAP Based Web Applications: A Case Study
❏ W54	2:45–4:00	Panel Discussion: Agile Software Development

WIRELESS TRACK
MONDAY, APRIL 3
❏ PT62	1:00–5:00	Wireless Networking 101

TUESDAY, APRIL 4
❏ T61	8:00–9:15	Telecommunications Affecting the Enterprise
❏ T62	11:00–12:15	Implementing VoIP Telephony Systems
❏ T63	1:00–2:15	MPLS Role in Delivery of Mission Critical Enterprise Services
❏ T64	2:45–4:00	Wireless Security and Legal Update

INTERN'*FEST*'
MONDAY, APRIL 3
FREE SESSION
❏ IN1	6:00 –9:00 p.m.

GENERAL SESSIONS
TUESDAY, APRIL 4
❏ T21	8:00–9:15	Mind Mapping
❏ T22	8:00–9:15	Go Paperless with PDF
❏ T23	11:00–12:15	Risk Management for the Real World: Tools and Techniques Anyone Can Use
❏ T24	1:00–2:15	Virtualization — Background, Risk and Controls
❏ T25	2:45–4:00	Everybody's Got VoIP…Or Do They?

WEDNESDAY, APRIL 5
❏ W21	8:00–9:15	Introduction to Enterprise Architecture
❏ W22	9:30–10:45	A Crash Course in Web Usability
❏ W23	11:00–12:15	Applying CRM Tools & Principles to IT Management
❏ W24	2:45–4:00	Keys to Project Success

SECURITY TRACK
TUESDAY, APRIL 4
❏ T41	11:00–12:15	Security Awareness Training
❏ T42	1:00–2:15	Tactics of Information Warfare
❏ T43	2:45–4:00	NUCIA Lightening: Recent Discoveries

WEDNESDAY, APRIL 5
❏ W41	8:00–9:15	Measuring An Information Security Program
❏ W42	9:30–10:45	Are You At Risk?
❏ W43	11:00–12:15	An Overall View of Security
❏ W44	2:45–4:00	Computer Security Snake Oil

PROJECT MANAGEMENT (ITIL – CobiT)
TUESDAY, APRIL 4 / WEDNESDAY, APRIL 5
❏ IT1	8:00–5:00	I.T. Project Management (ITIL – CobiT)

KEYNOTE SPEAKERS
TUESDAY, APRIL 4
❏ K1	9:30 a.m.	The Coding Tail and the Data Dog

WEDNESDAY, APRIL 5
❏ K2	1:00 p.m.	WiMAX

BUSINESS SYSTEMS TRACK
WEDNESDAY, APRIL 5
❏ W11	8:00–9:15	Snake in the WoodPile — Spyware in the PC
❏ W12	9:30–10:45	Implementing Application Servers for High Availability!
❏ W14	2:45–4:00	Future Tense: What the Trends in Information Technology Mean to Your Business

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