GBC/ACM and IEEE CS Meeting
Thursday, April 3rd, 2008
Coding with Eclipse: Modern software Development

Speaker: Vineet Sinha, Architexa
Time: 7:00 pm - 9:00 pm
Location: MIT Room E51-325
Details: [http://www.gbcacm.org/node/16](http://www.gbcacm.org/node/16)

Overview: The buzz around Eclipse has only been growing. Since its initial start as a Java development tool, Eclipse has rapidly evolved into a reusable platform for building IDEs, rich desktop applications, and more recently server-side applications. This talk covers the latest happenings in the Eclipse world and brings highlights from this year’s EclipseCon.

We will give an overview of the different aspects of Eclipse and the updates of the various Eclipse projects. We will demonstrate using the tools that make up Eclipse as well as show how to reuse the platform, covering both how you can effectively use it for software development, and how you can extend it to do what you need it to do by providing your own plug-ins. We will also show some of the non-traditional tools built by the Eclipse community, ranging from tools designed to reduce developers’ information-overload to ones aimed at providing for easier development of mobile and rich web based applications.

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GBC/ACM and IEEE CS Meeting
Thursday, April 17th, 2008
Gold and Fool’s Gold: Successes, Failures, and Futures in Computer Systems Research

Speaker: Butler Lampson, Microsoft
Time: 7:00 pm - 9:00 pm
Location: MIT Room 54-100
Details: [http://www.gbcacm.org/node/112](http://www.gbcacm.org/node/112)

Overview: People have been inventing new ideas in computer systems for nearly four decades, usually driven by Moore’s Law. Many of them have been spectacularly successful: virtual memory, packet networks, objects, relational databases, and graphical user interfaces are a few examples. Other promising ideas have not worked out: capabilities, distributed computing, RISC, and persistent objects. And the fate of some is still in doubt: parallel computing, formal methods, and software reuse. The Web was not invented by computer systems researchers. In the light of all this experience, what will be exciting to work on in the next few years?

Lecturer’s Biography: For more information about the speaker see the following URL.

[http://research.microsoft.com/lampson/One%20para%20bio%20plus%20pic.htm](http://research.microsoft.com/lampson/One%20para%20bio%20plus%20pic.htm)

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Please check for any last-minute changes to meeting arrangements by visiting the GBC/ACM website [http://www.gbcacm.org](http://www.gbcacm.org) before the meeting.
Mar-Apr 2008 Meetings

Software Quality Group of New England (SQGNE)

Topic: The Pitfalls and Hidden Costs of Offshore/Outsourced Testing
Speaker: Matt Pappas, SAS-Marketmax
Date/Time: Wednesday, April 9th, 2008, 6:00pm - 8:00 pm
6:00 - 6:30 Networking
6:30 - 8:00 Business and Presentation
Location: Sun Microsystems, Burlington, MA
Directions: http://www.swqual.com/SQGNE/directions.html

Upcoming SQGNE Meetings

Having a Defined Target for Software Security Testing
Robert Martin, Mitre, May 14th, 2008

How Managers Get So Stupid
Robin Goldsmith, GoPro Management June 6th, 2008

Annual Hot Topics Night...
You!, July 9th, 2008
GBC/ACM Events at the Cambridge Science Festival

**Balancing Your Internet Cyber-Life with Privacy and Security**
Tuesday, April 29th, 2008

**Speaker:** Joseph Guarino, Evolutionary IT

**Time:** 6:30pm - 8:30pm

**Location:** Cambridge Central Square Branch Library

**Details:** [http://www.gbcacm.org/node/125](http://www.gbcacm.org/node/125)

**Overview:** Whether you’re a teenager or college student on MySpace or FaceBook, or a professional using LinkedIn and job posting sites, and whatever your level of technical and social sophistication, you’ll find something valuable in this presentation. Social networking, blogs, forums, email, IM all represent evolutionary opportunities to communicate and collaborate but they carry distinct risks. Learn the real world tools and techniques to minimize your risks, protect your privacy/identity and shield your financial health - all while getting the most out of your online existence. The digital world can be a dangerous place; this presentation will give you the practical knowledge to protect yourself.

**Lecturer’s Biography:** Presented by Joseph Guarino, Evolutionary IT -- [www.evolutionaryit.com](http://www.evolutionaryit.com)

**Cost:** Free!

**Directions:** The Cambridge Central Square Branch Library is located at 45 Pearl Street, Cambridge, MA 02139. More information can be found at the Cambridge Public Library website located at [http://www.cambridgema.gov/~CPL/hours/central.html](http://www.cambridgema.gov/~CPL/hours/central.html)

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**One Laptop Per Child -- Community Jam**
Saturday, May 3rd, 2008

**Speaker:** TBA

**Time:** 10:00am - 2:00pm

**Location:** MIT Stata Center, Room 32-044, 32 Vassar Street, Cambridge, MA

**Details:** [http://www.gbcacm.org/node/126](http://www.gbcacm.org/node/126)

**Overview:** Have you heard about the XO, the innovative “$100 laptop” from the non-profit organization One Laptop Per Child which wants to provide children of the developing world with low cost laptops? Did you get your own through their “Give One Get One” donation program? Or do you wish you did? (Maybe next time.) Do you want to learn what people in other countries are doing with them, what kids are doing with them, or how they can be used for education and creativity in the classroom and elsewhere? Maybe you have ideas of your own for software games and applications?

Come to our OLPC community workshops. Bring your XO if you have one. Learn how you can develop software, play games, connect to the international XO development community, and get involved in the Boston/Cambridge XO user community.

Adults and kids, families and individuals are invited. Please pre-register (for free!) at [http://www.gbcacm.org/cambridgesciencefestival](http://www.gbcacm.org/cambridgesciencefestival) to help us plan this event. Also check that website for more details in the weeks before the event.

**Cost:** Free!, but space is limited, so register now at [http://www.gbcacm.org/cambridgesciencefestival](http://www.gbcacm.org/cambridgesciencefestival)

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**Additional Cambridge Science Festival Events on Page 4**
Birdsongs of the Mesozoic
Saturday, May 3rd, 2008
(Multi-media Concert Performance)

Performers:  Michael Bierylo, Ken Field, Erik Lindgren and Rick Scott

Time:  8:30 pm - 10:30 pm

Location:  MIT Stata Center, Room 32-123
32 Vassar Street, Cambridge

Details:  http://www.gbcacm.org/node/127

Overview:  Birdsongs of the Mesozoic is a 4-piece electrified modern music ensemble formed in 1980. Michael Bierylo (guitar/laptop), Ken Field (sax/ flute/percussion), Erik Lindgren (piano), and Rick Scott (synthesizer) have been recognized both individually and collectively as significant contributors to the world of modern creative music. With over twelve releases, the group has received international acclaim for its unique and creative blend of musical styles. Additional information is available at http://www.birdsongsofthemesozoic.org.

Birdsongs’ performance will be augmented by large-screen real time projected visuals, including algorithmic imagery by musician and software designer Ned Resnikoff. Resnikoff will be employing his own custom music animation software Vizzy Lights, a real-time version of his Vizzy program. Vizzy is a music visualization process that uses multi-resolution wavelet-based spectral analysis to produce a responsive, detailed view of sound. Spectral data is embellished using OpenGL graphics, and controlled by a custom software application that allows the user to travel visually through sonic space.

Coding with Eclipse: Modern Software Development
Thursday, April 3rd, 2008
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Lecturer’s Biography:  Vineet Sinha started building Eclipse plug-ins in 2003 as part of research in improving developer productivity. This research was the basis of his recent PhD in CS at MIT, and his tool has been rated as one of the top Eclipse tools in its category. Vineet is currently working on building out this functionality as the president and CTO of Architexa http://www.architexa.com.

Directions:  Check a map showing the MIT campus. The red building is Bldg. 54; the Kendall T-Station is on Main Street off the right side of the map. Building 54 at the MIT campus is the 21-story building with a radome on the top; it is entered at 21 Ames Street, which is perpendicular to Mass Avenue.

Gold and Fool’s Gold: Successes, Failures, and Futures in Computer Systems Research
Thursday, April 17th, 2008
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Directions:  Map showing the MIT campus:  http://whereis.mit.edu/bin/map?mapterms=e51  The red building is Bldg. E51; the T symbol at the top is the Kendall T-Station. Building E51 is located near the Eastern extremity of MIT, on Memorial Drive close to the Longfellow Bridge. It also adjoins Amherst Street and Wadsworth Street. Building E51 is a short walk from the Kendall T station. Room 325 is on the third floor. Parking: Driving westbound on Memorial Drive you may park on the street near Building E51. There are often spaces available there in the evening. Driving eastbound on Main Street you will see an MIT parking lot on the right between the Kendall Square T and the Longfellow Bridge.
Boston SPIN

Topic: Cave Dwellers and Chatter Boxes: Demystifying Introversion and Extraversion

Date/Time: Tuesday, April 17th, 2008 6:00-8:30pm
6:00-6:30 Registration/social/networking
6:30-7:30 Dinner
7:30 pm Speaker’s Presentation

Speaker: Naomi Karten

Location: Hilton Garden Inn, 420 Totten Pond Road, Waltham 02451

Details: [http://www.boston-spin.org](http://www.boston-spin.org)

Overview: This meeting is a joint meeting between the Boston SPIN and ASQ. Buffet dinner and cash bar will be available before the presentation. The deadline for dinner reservations is midnight April 13th. If you do not want to attend the dinner, please plan to arrive at 7:30 pm for the speaker. As always, there is no cost to attend the presentation.

To register and/or pay in advance for the dinner portion of the meeting please follow instructions on the ASQ web site [http://asqboston.org/Section_Information/meeting.htm](http://asqboston.org/Section_Information/meeting.htm)

Abstract: The introvert/extravert dynamic is a complex one. Introverts and extraverts typically exhibit significant differences in behavior, interaction preferences, and work style. And the two often differ in what, when, and how they communicate. Such differences can lead to frayed nerves and ruffled feathers. Worse, they can create misunderstandings and flawed problem solving.

In this presentation, Naomi will help you gain insight into your own preference for introversion or extraversion and improve your effectiveness in working with your more introverted and extraverted colleagues, co-workers and customers. We’ll take both a serious and a light-hearted look at the introvert/extravert dynamic, so as to:

- Broaden your understanding of this dynamic.
- Dispel misconceptions and stereotypes.
- Understand the positive and negative perceptions each has of the other.
- Determine what each would most appreciate from the other review techniques for working together productively

Speaker: Naomi Karten ([www.nkarten.com](http://www.nkarten.com)) has delivered seminars and presentations to more than 100,000 people internationally to help them improve customer satisfaction, manage change, strengthen teamwork, and enhance communication skills.

Naomi’s books, Communication Gaps and How to Close Them and Managing Expectations, provide proven strategies and techniques for delivering superior service, carrying out projects, implementing change, and building strong relationships. Her ebooks include How to Survive, Excel and Advance as an Introvert and Changing How You Communicate During Change. Her Web-based. newsletter, Perceptions & Realities, offers serious advice in a lively, chuckle-generating manner.

Prior to forming her training and consulting business in 1984, she earned a B.A. and an M.A. in psychology and gained extensive IT experience in technical, customer support, and management positions.

Upcoming Meetings:

Project Management Isn’t Enough: Essentials of Effective Sponsorship
Payson Hall
May 20th, 2008

Putting the engineering in software engineering: technology infrastructure in process improvement
Drs. Dorota Huizinga and Adam Kolawa
June 17th, 2008

Online chapter membership signup and renewal now available!

We now offer chapter membership signup and renewal payments online using Google checkout. The annual chapter membership fee is still currently $10.00 and you can pay for multiple years. The membership payment page is located at the following URL.

[http://www.gbcacm.org/membership/join](http://www.gbcacm.org/membership/join)

If you have any questions, please contact the membership volunteer at membership@gbcacm.org
**Boston CHI**

**Topic:** Tabletop Displays and Remote Collaboration

**Date/Time:** Tuesday, April 8th, 2008 - 6:30 PM

**Location:** Sun Microsystems, Burlington, MA

**Speakers:** Mark Ashdown, MIT

**RSVP:** BostonCHI@sun.com

**Details:** [http://www.bostonchi.org](http://www.bostonchi.org)

**Abstract:** Tabletop displays have become a popular research topic in recent years, partly because of the ‘cool factor’ and partly because horizontal direct-touch interfaces offer a different style of interaction from conventional computer interfaces. First I will describe my own work on creating a tabletop display. Then I will describe the issues that make tabletop interfaces different from conventional ones and which cause various assumptions implicit in conventional graphical user interfaces to be challenged, such as the assumption that there is only a single pointing device. Finally I will describe the project I am working on to link a tabletop display with handheld devices for synchronous communications within emergency response teams.

**Lecturer Biography:** Mark Ashdown is a research scientist in the Humans and Automation Lab at MIT where is is working on asymmetric remote collaboration for distributed teams. He is investigating the design of synchronous collaboration systems between a tabletop display in a command centre and handheld displays for mobile team members, particularly in an emergency response scenario. He is funded by a European Union Marie Curie Fellowship. He previously obtained a PhD in Computer Science from the University of Cambridge Computer Lab in the UK in 2004, for creating a novel tabletop system called Escritoire. He was a postdoc in the University of Tokyo, Japan, from 2004 to 2006, working on geometric and photometric calibration for projectors. More information is available at [http://mark.ashdown.name](http://mark.ashdown.name).

**Directions:** [http://www.bostonchi.org/directions.html](http://www.bostonchi.org/directions.html)

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**Call for Volunteers**

There are many opportunities to help in the GBC/ACM. If you are interested in volunteering your time, please review the current volunteer opportunities listed below. If anything appeals to you or if you have a skill you would like to share, please contact Volunteer Coordinator, Jay Conne, M:(617) 470-5038, volunteer@gbcacm.org

Membership Chair
**Lecturer:** There was a time when programming and visual design lived on opposite sides of the brain, however, in today’s web 2.0 environment, it’s wishful thinking that coders and artists can exist in isolation. Although it’s always good practice to separate business logic from presentation (can you say MVC) it is equally important (for your career) to at least become conversant in the elements of design and style… and Cascading Style Sheets (CSS) is the lingua franca to which you should aspire to speak. Neither fish nor fowl, CSS straddles the brain hemispheres to provide the tools of elegant design/web-apps while promoting the separation of presentation and business logic that we all strive for.

Is CSS a mystery to you? Do you find yourself editing your styles over and over just to get them to display correctly in IE and Firefox? Have you created a powerful application, and want it to look nice and clean? Do you want to take your knowledge of CSS and Design to the next level?

Join Michael Bourque, Director Parametric Technology Inc. (PTC), when he shows us how to make a powerful impact on end users by applying style and design through the construct of CSS. In this session you will learn:

- Basics of CSS
- Design & Layout
- Web Standards
- Usability Testing
- Tips & Tricks
- Rich Visual Behaviors

Michael will start by covering the basics and then move on to more advanced topics such as web standards, design & layout, and usability testing. He will explore the dramatic transformation that occurs when CSS is applied to non styled web apps.
Assessments: A Consultant’s Tool for Organizational Change

Date/Time: April 22, 2008, 6:00pm - 9:00 pm
- 5:15 - 6:15 Free In-Person Mentor Program (available by request only)
- 6:00 - 6:30 Networking
- 6:30 - 7:00 Dinner
- 7:00 - 9:00 Presentation

Speaker: Johanna Rothman

Location: Rebecca’s Cafe, 8 New England Executive Park, Burlington, MA

Details: [http://www.icca-boston.org](http://www.icca-boston.org)

Overview: You’ve made contact with a potential client. They need you—and you’re perfect for them. But they have a bunch of problems, and they can’t figure out how to effectively use you. What do you do?

One of the best tools in a consultant’s toolbox is the assessment. You can’t help the client change until you (and they) know where they are. But aren’t all assessments long and expensive? Don’t you need an army of consultants to do them right?

No and No. Any consultant can determine how to use effective assessments in his or her practice. All you need is to know how to bound your problems, so you can see how to sell the service to your clients.

You can learn where you’re starting with no more than three simple questions. In this session, you’ll learn how to design three questions that work for you to start an assessing conversation. We’ll explore which questions work, which questions are traps, and how to stay out of trouble with questions. You’ll learn to develop a framework for assessments for your business.

If you don’t offer an assessment service as part of your consulting practice, you are missing a qualitative data gathering approach that clients find invaluable. In this session, Johanna will explain a framework for assessments, her initial questions. We’ll work together to help you find your initial questions.

Lecturer Biography: Johanna Rothman helps managers identify, define, and solve their problems. She is the author of Manage It! Your Guide to Modern, Pragmatic Project Management, the coauthor (with Esther Derby) of Behind Closed Doors: Secrets of Great Management, and the author of Hiring the Best Knowledge Workers, Techies & Nerds: The Secrets and Science of Hiring Technical People. She has posted over 150 articles, as well as two blogs, on www.jrothman.com.

Are you a member? Is your membership expired? *

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Phone Number: ___________________________
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Join! The $10 annual membership fee offers many opportunities for development through regular and engaging interaction with local contemporaries, in addition to access to our popular PDS seminars. Paying for multiple years can save effort for you and us. Please mail in your membership form today!

(*Check your address label for expiration date.)

NEW - Online membership signup and renewal available. Please see instructions on Page 5

Please make checks payable to GBC/ACM and mail to:
GBC/ACM
P.O. Box 465
Lexington, MA 02420
*** April & May 2008 Events Calendar ***

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If your membership has expired, please consider renewing it for one or more years. Currently the membership fee is only $10/year. Your support helps make possible the wide array of GBC/ACM activities.