

# Philadelphia Bits & Bytes

Official Newsletter of the Computer Education Society of Philadelphia

November 2000

Volume 19 Issue 4

\$1.50 US

## NEW MEETING LOCATION

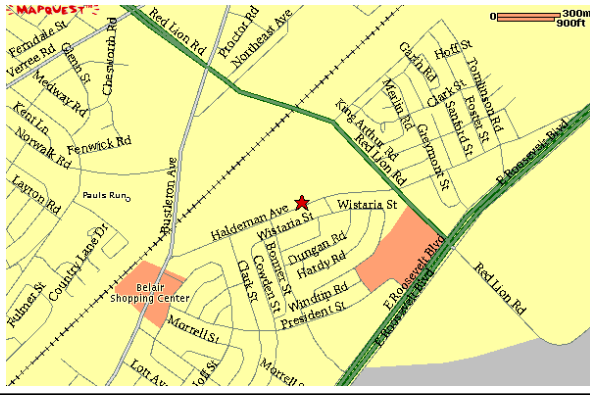
CESOP meetings now take place at 9940 Haldeman Ave, The Bayerischer Volksfest Verein (Bavarian Club)

Meetings will be held at the 7<sup>th</sup> District's Community Room only as an alternative to the BVV

### DIRECTIONS:

*From Roosevelt Blvd northbound...* Use the center lanes and turn left at Conwell St. (This is the second light after Grant Ave). Follow Conwell St to the end, which is Haldeman Ave. (You will be looking right at the BVV.) Turn right on Haldeman Ave and an immediate left into the driveway of the BVV. Park anywhere on the outer parking lot. Walk through the second gate and enter through the main doors under the canopy. (The building to your left as you walk through the gate.

*From Roosevelt Blvd southbound...* Use the outside lanes and turn right at Haldeman Ave. (This is the first light after the shopping center and is a soft right). Follow Haldeman past Red Lion Rd. and approximately 100 feet before the next light you will see the driveway entrance for the BVV on your right. (See above)



*I have done this presentation a number of times, and the audiences find it both entertaining and informative. Typically, I customize the presentation according to the interests of the group and the amount of time available.*

*Sincerely,  
Bruce Fries*

*PS: Below is a list of topics I usually cover, information about my book and a short bio. I would be glad to send you a review copy of my book if you are interested.*

## **President's Report** - November 2000 by Tom Burke

Once again, I missed an issue of this newsletter. The October issue was not printed due to illness in my family. I sure could use some help with the newsletter.

The next meeting is November 8, 2000 at 7:30 PM. I hope to bring the Polaroid Color Shot printer to demonstrate. This printer is a great companion to a digital camera. It prints on regular Polaroid film. Whatever you can print on paper will print on film.

I received the following email and want to find out if anyone is interested...

### ***Topic: Speaker Available for User Group Meetings***

***Comment: I am the author of the leading book about audio compression technologies for personal computers and the Internet, and I would like offer to do a presentation on this topic at one of your group's meetings this winter or next spring.***

***My book, The MP3 and Internet Audio Handbook, has been called "The Bible of MP3" and has been adopted as a text book by several universities, including UCLA and California Tech.***

***My talk includes a PowerPoint presentation and a live demonstration of audio compression technology on a personal computer. I will also provide a signed copy of my book for a door prize, and I can offer a special price on the book for group members.***

## **TOPICS**

- 1. Fundamentals of digital audio on PCs**
  - *Advantages of digital audio*
  - *Common audio formats*
  - *Software and hardware requirements*
- 2. Recording and playing music on PCs**
  - *Organizing and playing music*
  - *Recording and cleaning-up audio from vinyl records*
  - *Recording audio CDs*
- 3. Audio compression technologies**
  - *Psychoacoustic encoding*
  - *Factors that affect sound quality*
  - *The popularity of MP3*
- 4. Music on the Internet**
  - *Downloadable music*
  - *Streaming audio*
  - *Internet radio*
- 5. Legal issues surrounding online music**
  - *Copyright laws and the Internet*
  - *Controversies regarding filesharing services like Napster*
  - *The Secure Digital Music Initiative*

## **DEMONSTRATION**

*MP3 vs. CD sound quality comparison*

*Working with playlists*

*Automatic crossfading*

*Visualization and other effects*

## **GENERAL INFORMATION**

*The MP3 and Internet Audio Handbook: Your Guide to the Digital Music Revolution*

*By Bruce Fries with Marty Fries*

*March 2000, TeamCom Books, 302 pp. \$24.95*

*Trade paperback original; ISBN# 1-928791-10-7*

## **REVIEWER QUOTES**

*"The bible of MP3; a great resource stuffed full of great advice and picture-driven tutorials; lovely stuff."*

*- Paul Cooke, MusicDish.com*

*"One of the best overall discussions of how sound and digital audio technology works, anywhere."*

*- Mike Powers, About.com Internet Radio Guide*

*"Highly recommended, especially for those new to computer digital music."*

*&#8211; The Midwest Book Review*

## **SYNOPSIS**

*The MP3 and Internet Audio Handbook addresses the need for reliable information and cuts through the hype and confusion surrounding MP3 and other digital music technologies. This book explains the benefits of downloadable music and Internet radio in simple, easy-to-understand terms, and includes over 100 charts and illustrations, along with tutorials for the most popular digital music software.*

*Included are step-by-step instructions for finding music on the Internet, listening to Internet radio, creating and playing MP3 files, recording music on a computer, recording custom CDs and connecting a PC to a stereo system. The MP3 and Internet Audio Handbook also includes lists of popular Internet radio stations and downloadable music sites, and complete coverage of the issues related to copyright laws and digital music.*

**BIO**

*Bruce Fries is a writer, technology consultant and entrepreneur who lives in Silver Spring, Maryland. He is an associate of the Audio Engineering Society and the founder of TeamCom, an innovative new media publishing company.*

I will ask everyone at the meeting whether I should make arrangements to have this guest at one of our future meetings. If you cannot make the meeting, you can send your opinion to me at [cesop1@tjburke.com](mailto:cesop1@tjburke.com).

I would also ask the members to forward any suggestions for demonstrations to be featured at future meetings. Also, if anyone would like to volunteer to talk about a computer related topic to let us know and we try to accommodate you needs.

As always, I want to thank our Internet domain sponsor, PlantagaNet for their generosity. For those of you that have asked me about an ISP, give them a call. See their ad on page 3.

Thank you also goes to the Bayerischer Volksfest Verein for allowing us to use their facilities for our meetings. If you have need of a hall for an upcoming affair, give them a call at 215-673-5646. They can cater any type of affair.

Remember this is your club, come out and support it. See you at the meeting

Tom Burke

**Remember that Tuesday, November 7 is Election Day.**

**Don't forget to VOTE!**

## **Officers**

### **President**

Tom Burke  
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### **Treasurer**

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## **Committees**

### **Newsletter**

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### **Donation & Equipment**

Richard Williams

### **Library**

Bill Le'Mon Jr.  
wlemon@voicenet.com

## **Special Interest Groups (SIGs)**

### **C / C++**

Dave Lynch  
610-667-1492 (evenings)

### **CP/M & Z-System**

Alex Bodner  
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### **CAD**

Murray Goldstein  
610-667-3558 (evenings)

### **Educational**

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wlemon@voicenet.com

### **Games**

Michele O'Steen

### **Hardware**

George Deffendall  
610-376-5043

### **Windows 3.1 - 95 - 98**

Roy Kalbs  
215-342-1212 (evenings)  
kalbs@voicenet.com

### **Word Processing & DTP**

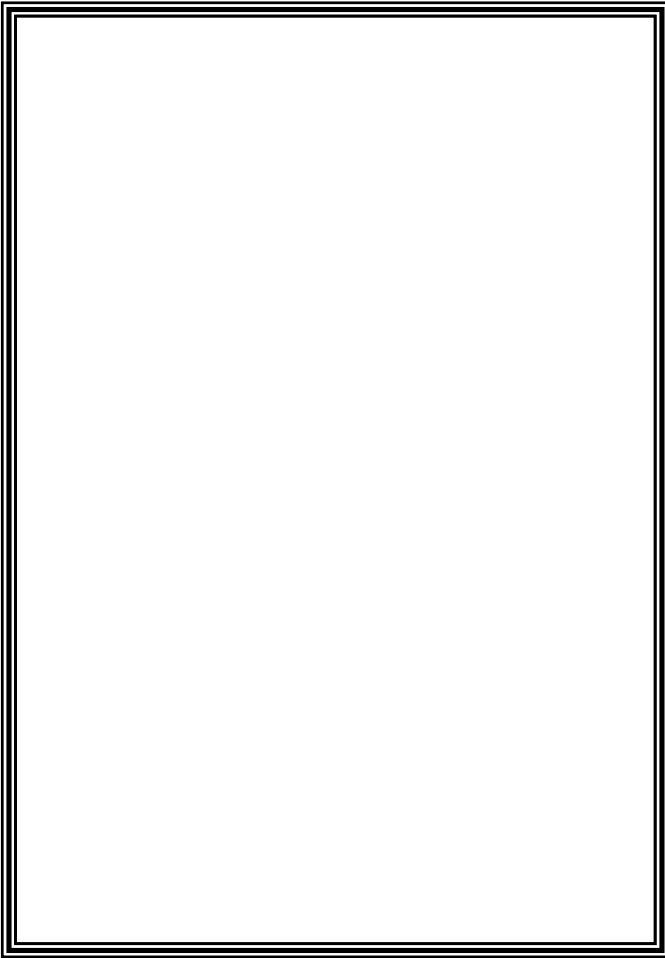
Don Fehlinger  
609-547-7201

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The Computer Education Society of Philadelphia, Inc. holds its monthly business meetings on the second Wednesday of each month at the Bayerischer Volksfest Verien in Philadelphia, Pa. The meeting is called to order at 7:30 pm. BVV is located at 9940 Haldeman Ave.

CESOP is formed exclusively for charitable, educational and scientific purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986 (the "Code") (or corresponding provision of any future United States Internal Revenue Law), and particularly to: engage in the exchange of ideas, techniques and information for the broader and more effective use of computer hardware and software; promote the general pursuit of knowledge and education in computer hardware and software generally; sponsor meetings, seminars, lectures, and workshops to share knowledge, experiences, and discussion of computer topics of interest to members and the general public; publish and distribute a periodic newsletter containing computer information and news...

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## Submitting Articles to Philadelphia Bits & Bytes

Articles may be submitted in any of the following ways:

1. Internet e-mail sent to [tjburke@voicenet.com](mailto:tjburke@voicenet.com)
2. On 3.5" diskette mailed to Philadelphia Bits & Bytes Editor 1312 Brighton Street Philadelphia, PA 19111

The required format is electronic, IBM compatible in either plain ASCII text or MS Word 6.0 or better. Do not use any justification or margins. Single space between lines and double space between paragraphs. Paragraphs should not be indented. Lists or table entries should be separated by indenting or tabs... do not use spaces. Drawings or artwork not in digital form should be in black ink suitable for scanning.

Please include the article name, your name and phone number, (with area code).

### Deadlines

All articles submitted for publication in Philadelphia Bits & Bytes must be in our hands by the third Wednesday of the month preceding the issue month you request. Example: articles for the June issue must be submitted by the third Wednesday in May.

### Advertising in Philadelphia Bits & Bytes

Commercial Advertising is available at the following rates:

Full Page	6" x 9"	\$40.00	
Half page	3" x 9"	\$25.00	6" x 4.5"

Quarter page 3"x 2.25" \$15.00 1.5" x 9"

Column inch 1.5: x 1" \$2.00

All ads must be camera ready and be in black in on white paper.

Payment must be received in advance for all commercial advertising. Make checks payable to the *Computer Education Society of Philadelphia*.

### Non-commercial & Personal Advertisements

CESOP members may submit a non-commercial or personal ad to be published in Philadelphia Bits & Bytes *free of charge*.

All non-commercial or personal ads must follow the same format and submitted as outlined previously for submitting articles. Feel free to contact the editor for further information.

### Deadlines

All advertisements submitted for publication in Philadelphia Bits & Bytes must be in our hands by the second Wednesday of the month preceding the issue month you request. Example: articles for the June issue must be submitted by the second Wednesday in May.

### About Philadelphia Bits & Bytes

Philadelphia Bits & Bytes is the official newsletter of the Computer Education Society of Philadelphia, users' group open to users of all types of personal computers. This current issue was prepared using Microsoft Word 7.0.

The Computer Education Society of Philadelphia is a non-profit corporation under the guidelines of 501-C-3 of the IRS code.

The Computer Education Society of Philadelphia  
Members helping members

The next CESOP business meeting will be  
Wednesday, November 8, 2000 at 7:30 pm



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1312 Brighton Street  
Philadelphia, Pa. 19111