•Chris Hancock (TERC) will share a program called *Tabletop* which is a dynamic database program for elementary and middle school levels. (For a more detailed presentation you can hear Chris speak on Saturday - session 723 at 10:30 AM - on "Inquiry with Data and Computers: Making it Meaningful and Making it Work")

•John Olive (U. of Georgia) will share some thoughts about the impact of the information revolution on mathematics education based on the work he has done with Project LITMUS an NSF funded project which specifically targets the need for in-service education of mathematics teachers grades K-12 to enable them to integrate computing technologies in their regular classes. The use of computing technologies is seen as the catalyst for this reform effort. Leader Teachers in the project are becoming expert users of technology in their own learning and teaching and will act as mentors for the other teachers in their schools. All Leader Teachers have Internet accounts and most of the communication is by e-mail.

## Promoting Quality teaching practices through technology: Two documentaries

There will be two classroom video vignettes shared by two teachers who capture what it means to use technology effectively to promote learning.

Robert Berkman (Bank Street School, New York, NY) leads his 7th grade class in exploring random events with Logo Software and spreadsheets. (His lesson was recently discussed in an issue of "Mathematics Teaching in the Middle School", Jan.-Mar. 1995)

**Toby Caplin (Graham & Parks School, Cambridge MA)** uses an inquiry learning strategy with her 6th graders to explore the area of triangles with the software program - *Geometry Inventor*.

#### Discussion

- -Affiliate group matters, election of officers and CLIME's future direction.
- -Also on the table is to discuss what role CLIME might play in influencing NCTM in regards to the Internet revolution. How should we approach NCTM?

# A historical footnote

Back in 1992 CLIME proposed a resolution to NCTM to establish an advisory committee on technology issues dealing with the classroom. Though the proposal was almost unanimously approved by the delegate assembly, no such committee was established. Rather, a task force was created (on which I was a member) to look into what needed to be done. The upshot was an update of NCTM position papers on technology. It might be time again to take a look at what NCTM ought to be doing and saying about the impact of the information revolution that is already effecting

mathematics education. Your input on this matter will be appreciated. I look forward to seeing you at the meeting!

-Ihor Charischak Founder of CLIME

### Conference highlights

### Two Logo and one Lego/Logo sessions

#598 F 3:00 Lego/Logo in a Mathematics Lab-the Science Connection. Speaker: Joan Greenwood, Cincinnati, OH

#650 (Wksp) S 8:30 The Turtle and the Square-Using Technology to Teach Geometry through Logo. Speaker: Linda Feldmesser, Delma Kammet, Ellicott City, MD

#839 Sa 12:30 (Wksp) Explore the Potential of Logo for Modeling in the Mathematics Curriculum. Speaker: Jim Sconyers, Oakland, MD

#### The seven Internet sessions

#154 Th 12:30 (Wksp Connecting Classrooms across the Nation through Technology. Speaker: Belinda Lister, LA Cty. Off. of Ed., Downey, CA #204 Th 1:30 Mining the Internet for Mathematics Resources: Listservs, Gopher, and World Wide Web Speaker: Ed Dickey, Univ. of S. Carolina #281 F 8:30 Poster. Mathematics "Connections" via the Internet for Middle School Students. Speaker: Maureen Bardwell, Westfield State College, Westfield, MA

#473 F 12:30 (Poster) Mathematics "Connections" via the Internet. Speaker: Anne Pasquino, Westfield State College, Westfield, MA #557 F 2:30 Collaboration on Mathematics Projects over the Internet. Speaker: Nancy King Harrison, Mercy College, Dobbs Ferry, NY #743 Sa 10:30 NASA Spacelink: Telecommunications with NASA on the Information Highway. Speaker: Flint Wild, Marshall Space Flight Center, Huntsville, AL

#996 Su 9:00 Wired Math: Connecting Students to the Standards using BOSnet and Internet. Speakers: Thomas and Elaine McAlear, Boston, MA

# Other sessions worth noting

#205 Th 1:30 Using Dynamic Geometry Software to Define and Investigate Geometric Functions. Speaker: Al Cuoco, EDC, Cambridge, MA #147 Th 12:30 (Wksp) Data Interpretation in Elementary School: Mathematics and the World of Children. Speaker: George Bright, U. of N. Carlina at Greensboro

Geometer's Sketchpad User Meeting (Friday, April 7th, 5:30-7:30, Sheraton Hotel) Nick Jackiw will demonstrate version 3.0 of the Geometer's Sketchpad. This will be just one of many presentations. For more information contact Key Curriculum Press at (800) 995-MATH

Texas Instruments is planning to unveil a new hand-held geometry conjecturing tool. Look for it at their booth.

And finally.... the first annual CLIME award for the best title for a session at an NCTM meeting goes to

#78 Triskaidekaphobia! A convicted mathematics Historian reveals the Dark side of Numbers - 13