THIS SESSION WILL LOOK AT THE HISTORY OF TCF
HOW IT BEGAN
WHERE IT IS GOING
& WHAT TCF@50 MIGHT BE LIKE?
OUTLINE

- HOW TCF ORIGINATED
- BIRTH OF PC & ACGNJ
- THE 1ST TCF AT TSC (NOW TCNJ)
- 1ST KEYNOTE SPEAKER
- SOME OF THE MEMORABLE TCFs
- MOVE TO MCCC, THEN TO NJ EXPO CENTER
- KGP & MARKETPRO MANAGEMENT
- BACK TO TCNJ
- PRESENT PROBLEMS
- FUTURE POSSIBILITIES
- TCF@50 & FUTURE OF COMPUTING
GENESIS - COMPLEX
CLAUD KAGAN’S RESISTORS 1965

1965 – Claude Kagan’s Datapoint vacuum tube computer in the basement of his barn. Hopewell, New Jersey high school students worked on it.
GENESIS

SOL LIBES BUILD 8008 MICROPROCESSOR BASED COMPUTER

1973 – Sol Libes & Students build Intel 8008 microprocessor-based computer using parts from obsolete computer
GENESIS
MITS ANNOUNCES ALTAIR 8800 KIT
256 BYTES OF MEMORY

JAN 1975
GENESIS

SOL LIBES FORM ACGNJ – 1ST INCORPORATED PC CLUB

SPRING 1975
GENESIS

• AL KATZ - 1ST EME WAC

• GETS INTERESTED IN MICROPROCESSORS

• REALIZES IMPACT & STARTS TEACHING ASSEMBLY LANGUAGE

• JOINS ACGNJ 1976

GENESIS

SOL LIBES WITH ACGNJ

&

AL AT TSC (NEW ENGR PRGM)

NEED VISIBILITY & WANT TO PROVIDE SERVICE

JOIN FORCES TO PRODUCE
FIRST COMPUTER FESTIVAL

(ROGER SAYS TCF WAS HIS ORIGINAL IDEA)
ACGNJ BOARD OF DIRECTORS

• PRES: SOL LIBES
• VP: MARTIN NICHOLS
• REC SEC: PIERCE CAPELL
• CORR SEC: EDWARD EIBLING
• TREAS: KEVIN REDDEN
• DIR: TOM KIRK
• DIR: WILLIAM KLOTZ
• DIR: ALLEN KATZ
• DIR: ARTHUR FOWLER
• DIR: ROGER AMIDON
• DIR: DOUGIAS L. MOSER
RESULT

TCF '76

APRIL

ARMSTRONG HALL

> 1000 ATTENDED

GREAT MEDIA ATTENTION
Low-Cost Computers Beginning to Move Into the Home

By BOYCE RENSBERGER
Special to The New York Times

TRENTON, May 3—The computer, once an awesome, mysterious and incredibly expensive machine of superhuman powers, has become the hottest new toy of electronics hobbyists, some of whom predict that within a few years computers will be commonplace in American homes.

Retail computer stores—the Hoboken Computer Works, for one—are springing up around the country. Several computer hobbyist magazines have begun publishing. And yesterday the new movement held its first convention—the Trenton Computer Festival, which drew an estimated 1,500 men, women and children to lectures, commercial exhibits and an outdoor computer flea market.

"We're on the doorstep of a brand new thing," said Sol Libes, a festival organizer who is president of the Amateur Computer Group of New Jersey. "Until a year or so ago, there weren't more than a hundred or so people who had computers in their homes. Now we estimate there are around 5,000. And it's growing."

The upsurge in amateur computer hobbyism is the direct result of the sudden and dramatic decline in the price of...
BYTE & KILOBYTE MAGAZINES
OTHER COMPUTER FESTIVALES
TCF’77 – MORE THAN DOUBLED IN SIZE

FIRST KEYNOTE SPEAKER

MR. AND MRS. JOHN W. MAUCHLY

INVENTOR OF THE FIRST DIGITAL COMPUTER

THE CIRCUMSTANCES SURROUNDING THE INVENTION OF THE FIRST DIGITAL COMPUTER
1978 David Ahl, Publisher Creative Computing Magazine
1979 Wayne Green, Publisher of Kilobaud Magazine,
1980 Carl Helmers, Executive Editor of BYTE Magazine
1981 Dr. Adam Osborne, Author & 1st Portable Computer
1982 Dr. Gary Kildall, Creator of CP/M
1983 Dr. Ken Iverson, IBM, Creator of APL
1984 Steve Ciarcia, Ciarcia's Circuit Cellar
1985 Seymour Rubinstein, Originator of Word Star.
1986 Philip Lemmons, Editor of BYTE Magazine
1987 Claudia Choi, Editor Family Computing Magazine
1988 Chris Rukowski, Founder and CEO Rising Star Inc.
TCF’89 BILL GATES, CEO MICROSOFT

IN ROOM BSC 202

LAST TIME TCF AT TCNJ UNTIL 2005

10 YEARS AT MCCC & 5 NJCS
1990 TO 1999 TCF WAS AT MCCC

TCF WAS KICKED OUT OF TCNJ
BY EWING TOWNSHIP

- David House, Senior VP Intel Corp. "Advances in Microcomputers"
- Gordon E. Eubanks, CEO Symantec Corporation, "The Future of Personal Computing",
- Bjarne Stroustrup, Developer C++
- Phil Zimmerman, Creator PGP – Cryptography
- Dennis Hayes, “The Future of High Speed Internet Communications"
- Eric Raymond, "Open Source Software Movement"
2000 TO 2004 TCF WAS AT
NJ CONVENTION CENTER

MANAGED BY KGP
KEN OFFERED A DEAL WE COULD NOT REFUSE

Emmanuel Goldstein, Ari Kaplan & Rebecca Mercuri
IN 2005 TCF RETURNS TO TCNJ
STILL MANAGED BY KGP

Dr. Brian Kernighan was Keynote

After TCF 2005 Ken Gordon Retires
Search for New Manager

TCF ITPC ADDED ON FRIDAY
2006 GREGORY OLSEN, 3RD PRIVATE CITIZEN TO ORBIT THE EARTH IS TCF KEYNOTE

IN 2009 MARKETPRO SEVERS RELATIONSHIP WITH TCF AND RUNS OWN SHOW IN COMPETITION

TCF TEAM TAKES OVER MANAGEMENT OF VENDORS & SHOW FOR 1ST TIME IN 10 YEARS

CESOP DROPS OUT AS TCF SPONSOR

IEEE REGION I STUDENT CONFERENCE AT TCF

BRING DVRA TO HELP WITH REG.
IN 2010 MOVE TALKS TO SSB
DVRA RUNS NJ HAM CONVENTION
MAVHFS RUNS FLEA MARKET

HOST FIRST STEM EVENT TO BECOME ISEC
IN 2011 MOVE VENDORS TO GYM
FINANCIAL DISASTER

TCF TALKS & NJ HAM CONVENTION VERY SUCCESSFUL
KEEPING TCF ALIVE - RESPONSE

2011 MANY SPONSORING CLUBS LEFT TCF

- TCF CORP DISBANDED – TCNJ TOOK ON $ RISK
- DOWNSIZED TCF TO ONE DAY + ITPC & ISEC PROFESSIONAL CONFERENCES
- HAD TO ELIMINATE POSTAL MAILING
- MOVED EARLIER IN YEAR TO GET FAVORABLE ROOM RATE
- MOVED VENDORS FLEA MARKET INDOORS
IN 2012 AND 2013

• TCF WAS IN ARMSTRONG HALL AND PHYSICS BUILDING
• HAD MODEST GROWTH FROM 600 TO 800 ATTENDANCE

IN 2014 MOVE TO EDUCATION BUILDING

• BETTER PARKING
• MORE SPACE AND CONSOLIDATED FUTURE – BRIGHTER

(NEW ENGINEERING BUILDING COMING)
IN 2014

• ED BUILDING BEST TO DATE

• HAD MODEST GROWTH
  ~ 900 ATTENDANCE

• IN NEAR FUTURE WILL STAY
  IN ED BUILDING

NEW ENGINEERING BUILDING
UNDER CONSTRUCTION
THIS YEAR 40TH TCF (2015)

• INVITE ATTENDEES FROM TCF@1
• INVITE BACK PAST TCF KEYNOTE SPEAKERS
• HAVE RECEPTION FOR PC PIONEERS

NOW LOOKING FOR IDEAS

TCF@50
FUTURE TRENDS FOR TCF@50

• BIOLOGY & COMPUTING?

• PARALLEL SYSTEMS – SETI@HOME

• MEMS (MICRO ELECTRONIC) MECHANICAL SYSTEMS) COMBINED WITH COMPUTERS
COMPUTERS THAT “THINK”

COMPUTER BASED LIFE --

JEFF HAWKINGS - ON INTELLIGENCE

REPRODUCTION ≠ GAGE OF LIFE

CONCIOUS IS KEY

COMPUTER LIFE FORMS WILL NOT WANT TO TALK WITH US!
CONCLUSION

• THE NEXT 500 YEARS WILL BE VERY DIFFERENT FROM THE PAST 500 YEARS.

• TCF@50 BRING BIG SURPRIZES!

• WILL BE MORE COMPUTERS THAN PEOPLE.

• COMPUTERS COULD BE THE DOMINANTE SPECIES….. WILL WE CARE?