

**QL 2004**  
**EINDHOVEN**  
16th October

**LIGHT CITY CHALLENGE!**  
1984-2004 – 20 years of innovation...

**KEY001**  
**The roots, the cousins, the innovations**

Urs König, BISON Systems AG  
(fka coWo Electronic)

15.10.2004 / KU

**"A small world we're living in:  
Computer Valley meets Silicon Valley..."**

**"...Wie ein Sohn Luzerner Einwanderer im Silicon Valley Karriere macht."**

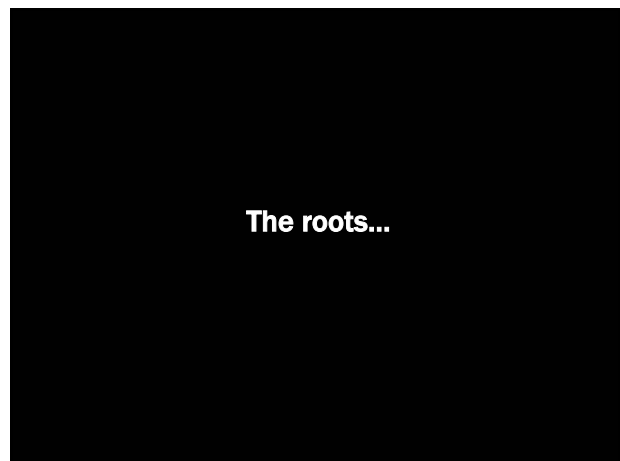
**Special Guest:**  
Tim Bucher, Vice President Macintosh Systems & Technologies,  
Apple Computer Inc., Cupertino/CA

A special event brought to you by

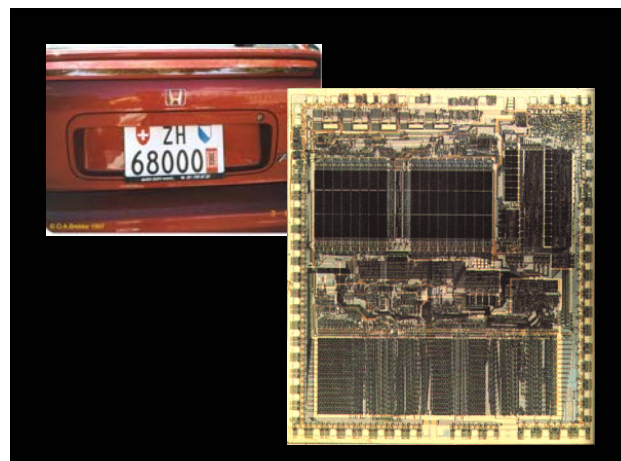
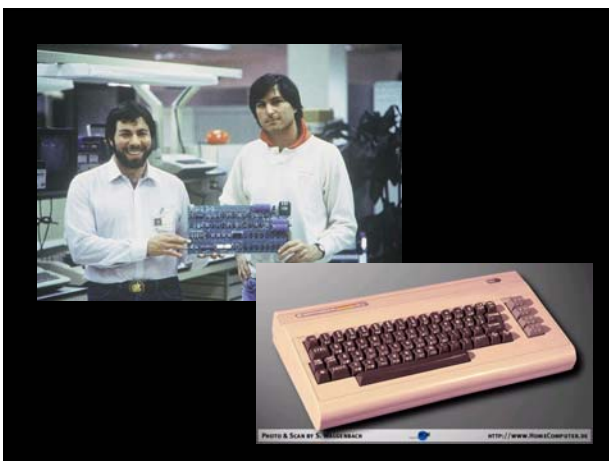
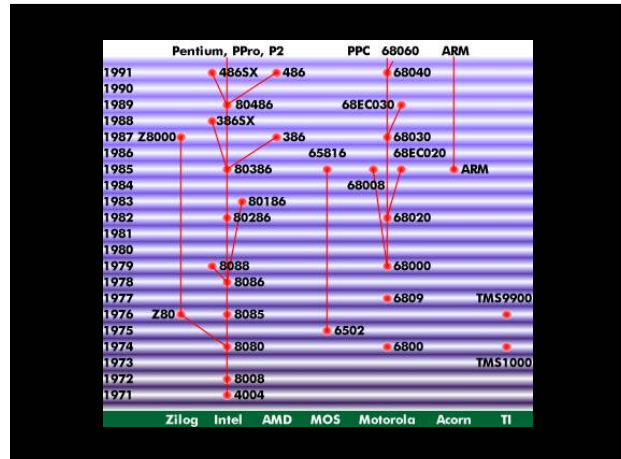
*Computers Valley*



**Datum:** Montag, 2. August 2004  
**Ort:** Cafeteria des Bürohauses Enterprise in Sursee  
**Zeit:** 18.00 bis 20.00 Uhr, anschliessend ein köhles „Föröbig-Bier“



# The early days of micro computing





**But was the world that bright they  
told us?  
(to be continued...)**

**The cousins...**

**As often it began in the parc...**



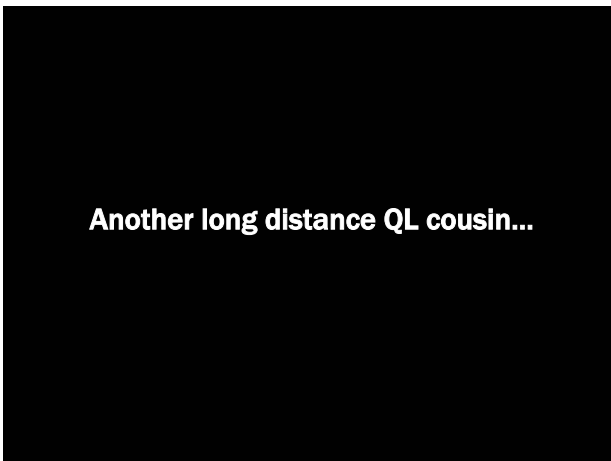


In common:

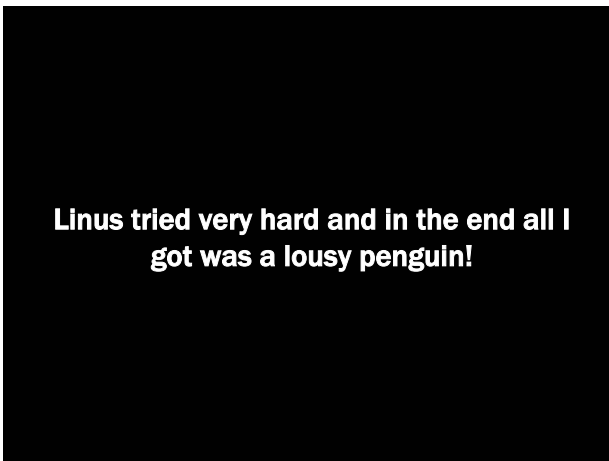
- > Influenced by Design at XEROX PARC
- > Intended to revolution the microcomputer market
- > 32bit-CPU MC6800x/8Mhz
- > 128KB DRAM
- > OS in ROM
- > 512xYYY screen resolution
- > Keyboard without numeric pad
- > Marketed with powerful Business Software bundled

Differences:

- > Mac has a monochrome icon based graphical user interface and a mouse
- > QL has a coloured command line interpreter based interface in a graphical windows coordinate system and a mouse (even later available as an add-on)
- > Mac has Finder a single user single task OS
- > QL has QDOS, a single user pre-emptive multitasking/multithreading OS
- > Mac has Sony's brand new 3.5" floppy disc built in
- > QL has Sinclair's (not IBM's) Microdrives built in
- > Mac has a brand new 3.5" floppy disc as an option
- > Commercially Mac became and stayed world number one
- > QL went in the dust, community wise the QL survived...

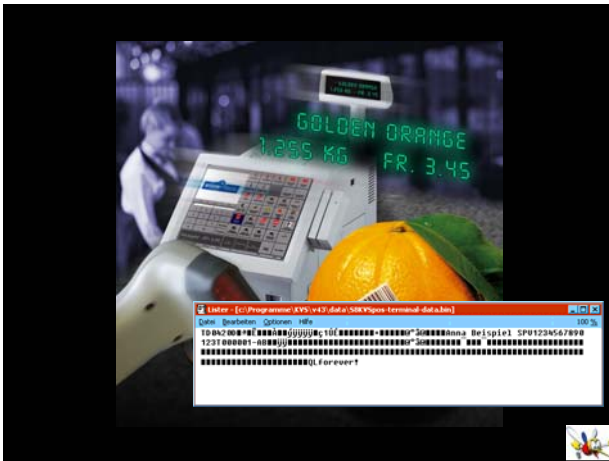




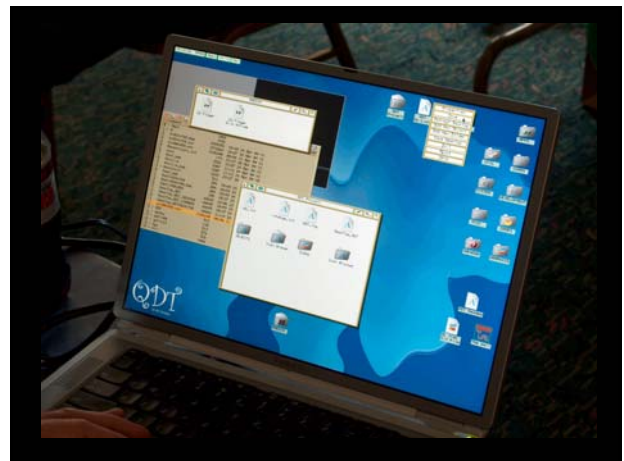


I've also tried very hard but in the end all I got was a lousy cash register!

2004



But you know, I do this for living. In spare time I do things for fun...

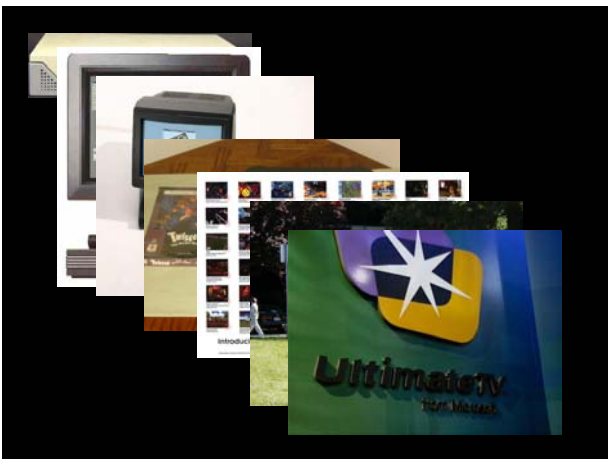




**We (the QL-community) still believe that our OS kernel is a better and more innovative design than the market leader OS! Proof?**

**Now lets talk about Tim...**

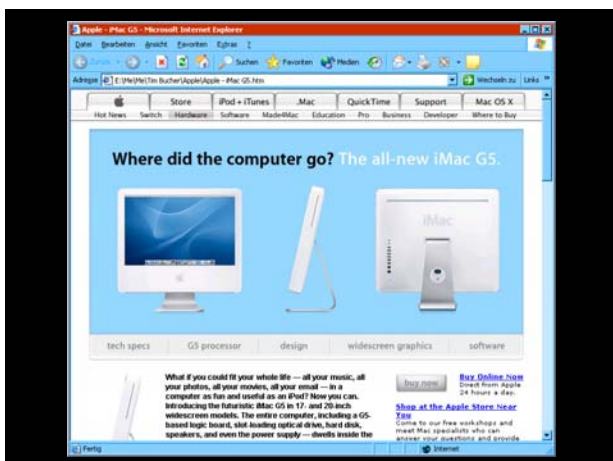
**Tim tried very hard and he made a lot in the last two decades...**



**But was the world that bright those innovations promised us?  
(to be continued...)**

Tim tried even harder and in the end he got was an apple...

...but how innovative an apple can be?



- ### Retro-Innovations I'm searching for
- ❖ Video footage on the QL (tape or digitalized)
  - ❖ Digitali(zed) pictures of IT (PCW) and QL shows
  - ❖ GST's 68K/OS for Sinclair QL
  - ❖ Sinclair QL FB ROM (factory labeled)
  - ❖ Sinclair QL PM ROM (factory labeled)
  - ❖ A Sinclair QL pre D04-001371
  - ❖ A Sinclair QL post D16-122418, a D17 would be very nice
  - ❖ A Sinclair QL US-Edition post S13-005854
  - ❖ A Sinclair QL German-Edition post SG18-010800
  - ❖ Other Sinclair QL regional editions (Spanish, French, Italian, Danish, Turkish, Greek, German, Dutch, Portuguese, Norwegian, Swedish, Finnish and Arabic)

- ### Community Resources
- ❖ Google "Mac" (1984 to get less hits)  
<http://www.google.ch/search?hl=de&ie=UTF-8&q=apple+macintosh+1984&meta=>
  - ❖ Google "QL"  
<http://www.google.ch/search?hl=de&ie=UTF-8&q=Sinclair+QL&meta=>
  - ❖ Finder-Successor Mac OS X  
<http://www.apple.com/macosx/>
  - ❖ QDOS-Successor SMSQ/E  
<http://www.scp-paulet-lenerz.com/smsgq/>
  - ❖ QDT the new QL Desk-Top from Jim Hunkins  
<http://www.jdh-stech.com/QDT/QDT.html>
  - ❖ The last remaining and available QL hardware platform  
<http://www.q40.de/>
  - ❖ Urs König's web site; a good entry point into the QL & Jaguar community  
<http://mypage.bluewin.ch/QLvsJaguar/>
  - ❖ What was Sinclair Research doing in the last decades until today...  
<http://www.sinclair-research.co.uk/about-srl.php>
  - ❖ What is Apple offering to us today, try the new iMac G5...  
<http://www.apple.com/>
  - ❖ Tim Bucher's latest innovation, Mirra...  
<http://www.mirra.com/index.html>