

DH3050

Monday 10 October

YNGVE SUNDBLAD, ANDERS HEDMAN

CSC / KTH

Participants / presentation 1, Update Oct 10

ANETTE LÖFSTRÖM, UU / HUMAN SUTHERLAND, OCT 10

CELIA ZHANG, SU / HUMAN V.BUSH, OCT 3

ELENA MARQUES SEGURA, KTH / HUMAN SCHNEIDERMAN, OCT 17

JOHN NÄSLUND, LUTU / HUMAN BRICKLIN, OCT 17

JORDI SOLSONA, KTH / TECH ENGELBART, OCT 10

KATARINA ELEVANT, KTH / TECH ENGELBART, OCT 10

LUIS GUILLERMO MARTINEZ BALLESTEROS, KTH / TECH, BRICKLIN, OCT 17

MARCUS NILSSON, KTH / TECH SHNEIDERMAN, OCT 17

MIKAEL LAAKSOHARJU, UU / HUMAN SHNEIDERMAN, OCT 17

MUHAMMAD ADRIN TARIQ, KTH / TECH BRICKLIN, OCT 17

OSCAR FRYKHOLM, KTH / TECH V.BUSH, OCT 3

PETRA BJÖRNDAL, KTH / HUMAN ENGELBART, OCT 10

SIMON TSCHIRNER, UU / HUMAN TURING, OCT 3

STANISLAW ZABRAMSKI, UU / TECH SUTHERLAND, OCT 10

Email y@kth.se your preference for Oct 24, 31 or Nov 7: Human or Tech for Card&al, Dreyfus; Bødker&al, Grudin; Weiser, Berners-Lee/Caillau; alternatives

Today's programme

Short comment on Licklider's "Man-Computer symbiosis" – Anders

Local IT History at KTH & SU - Yngve

Personal IT histories – Yngve starts

Engelbart videos – Yngve

Engelbart presentations and discussion – Petra, Jordi, Katarina, all

Sutherland & al videos – Yngve

Sutherland presentations and discussion – Anette, Stanislaw, all

Piaget & Papert presentation and discussion – Anders

Next time – Visit of computer pioneer - Anders

Local IT history = NA + ADB / IB / DSV + NADA / CSC + ICT

1948-63 Matematikmaskinnämnden, pioneers later joining KTH (Applied mathematics) and CTH

1963 Germund Dahlquist professor in Numerical Analysis (NA) at KTH and SU

1963 Department NA at KTH and SU (KTH main campus), 6 people

1965 Börje Langefors professor in Administrative Data Processing (ADB)

1965-77 Joint department Information Processing (IB) at KTH main campus

1972 ADB moves to Frescati, 1990 to Kista

1977 Separate departments NA & Data- och Systemvetenskap (DSV after ADB)

1979 Numerisk Analys och Datalogi (NADA) new name for NA, 30

1982 Stefan Arnborg professor in Computer Science at KTH and SU

1985 Interaction and Presentation Lab (IPLab) formed at NADA

1995-2005 CID, Centre for user oriented IT Design, at NADA

2005 Computer Science and Communication (CSC) school including NADA, 350,
other IT school: ICT in Kista

Yngve's IT History 1961-91

(* indicates interaction milestones)

1961 Course in Numerical methods including algorithmic language Algol

1963 Teaching assistant at NA

1964 Course in Siffermaskiners användning, Algol program testing (1 w turnaround)

* 1965 Master's thesis in Theoretical Physics running programs on Facit EDB

1967 Lecturer in NA

1970 Organising all KTH students' testing programs on punched cards (1 day turna)

1972 Teaching object oriented programming in Simula

* 1974 Advanced dialog computer DEC-10 (1979 NADA's own DEC-2020)

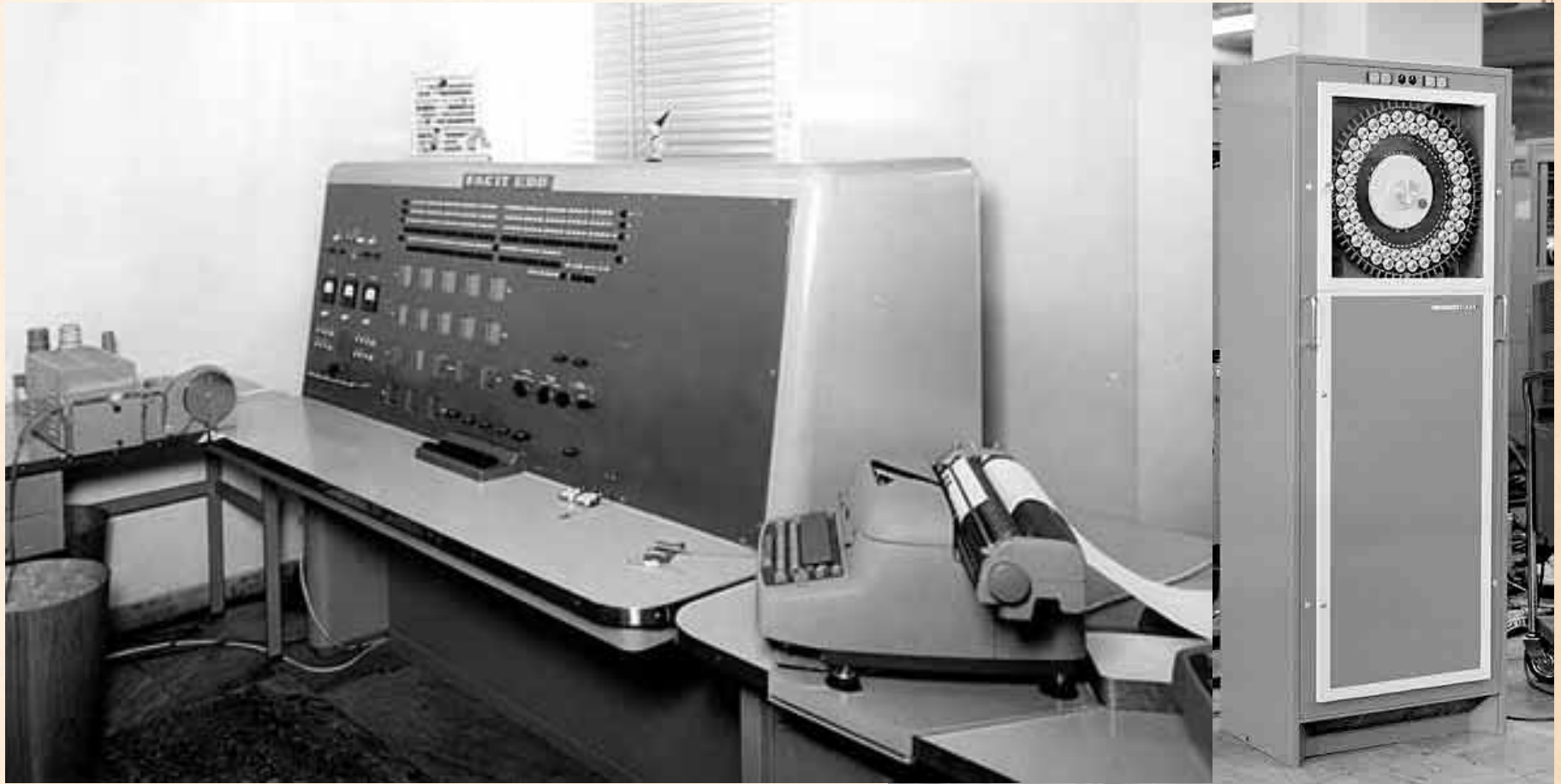
1983 Datatekniklinjen, first new civ.ing. programme at KTH in 51 years

* 1984 Graphic interaction with Xerox Dolphin, Perq, Macintosh

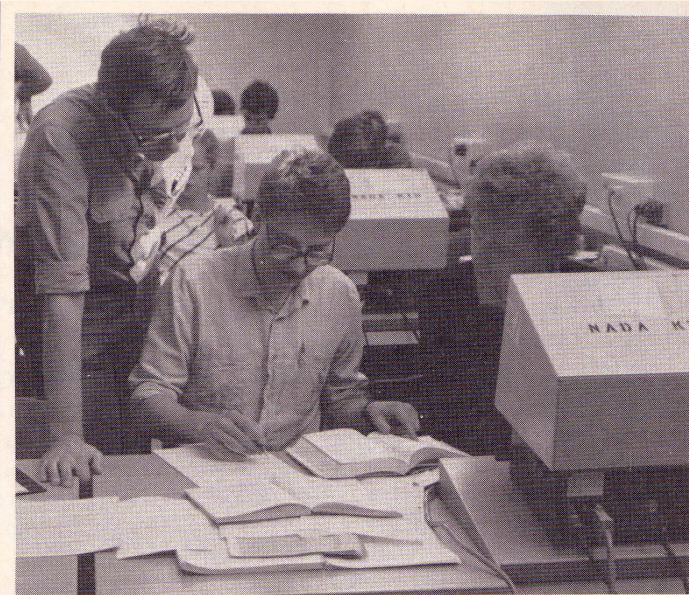
* 1985-91 Internet from e-mail to World Wide Web, initiating SUNET

1965 Master's thesis in on Facit EDB

Loudspeaker! (not visible)





1974 Advanced dialog computer, DEC-10 1977 All students on text terminals




Nadja (DEC-2020),
30 simultaneous interactive users
1979-1987 (2011):

1985 Macintoshes in 3rd year of D programme

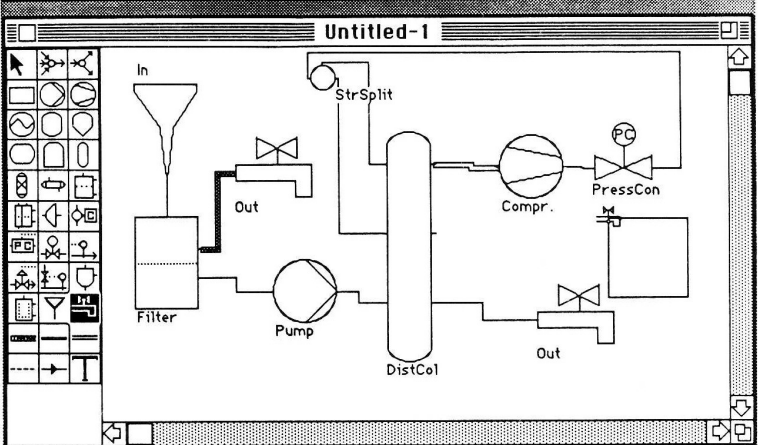



Editor for chemical processes


Jeky II And Hyde
.del y II And Hyde


File Edit Unicorn Display

Untitled-1



A chemical flow under construction with the editor. An output tap is added
 (cursor has that form, rectangle shows space needed in diagram)

Available components

<p>Chosen components (Maximum = 10)</p> <div style="border: 1px solid black; padding: 2px;"> AMMONIA BENZENE </div>	<div style="border: 1px solid black; padding: 2px;"> ACETALDEHYDE ACETIC ACID ACETONE ACETYLENE ACRROLEIN AMMONIA BENZENE BUTANE C DIOXIDE C MONOXIDE </div>
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Choosing chemical compounds

1986-95 Internet, e-mail, www, CSCW, SUNET

