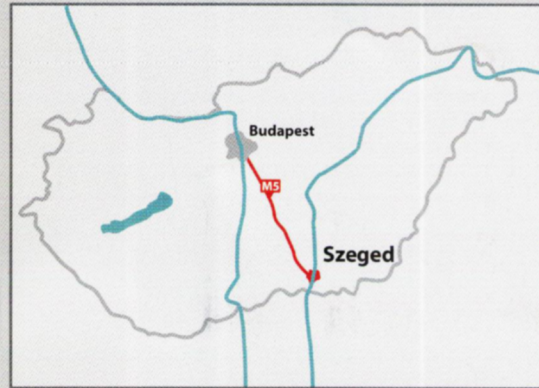
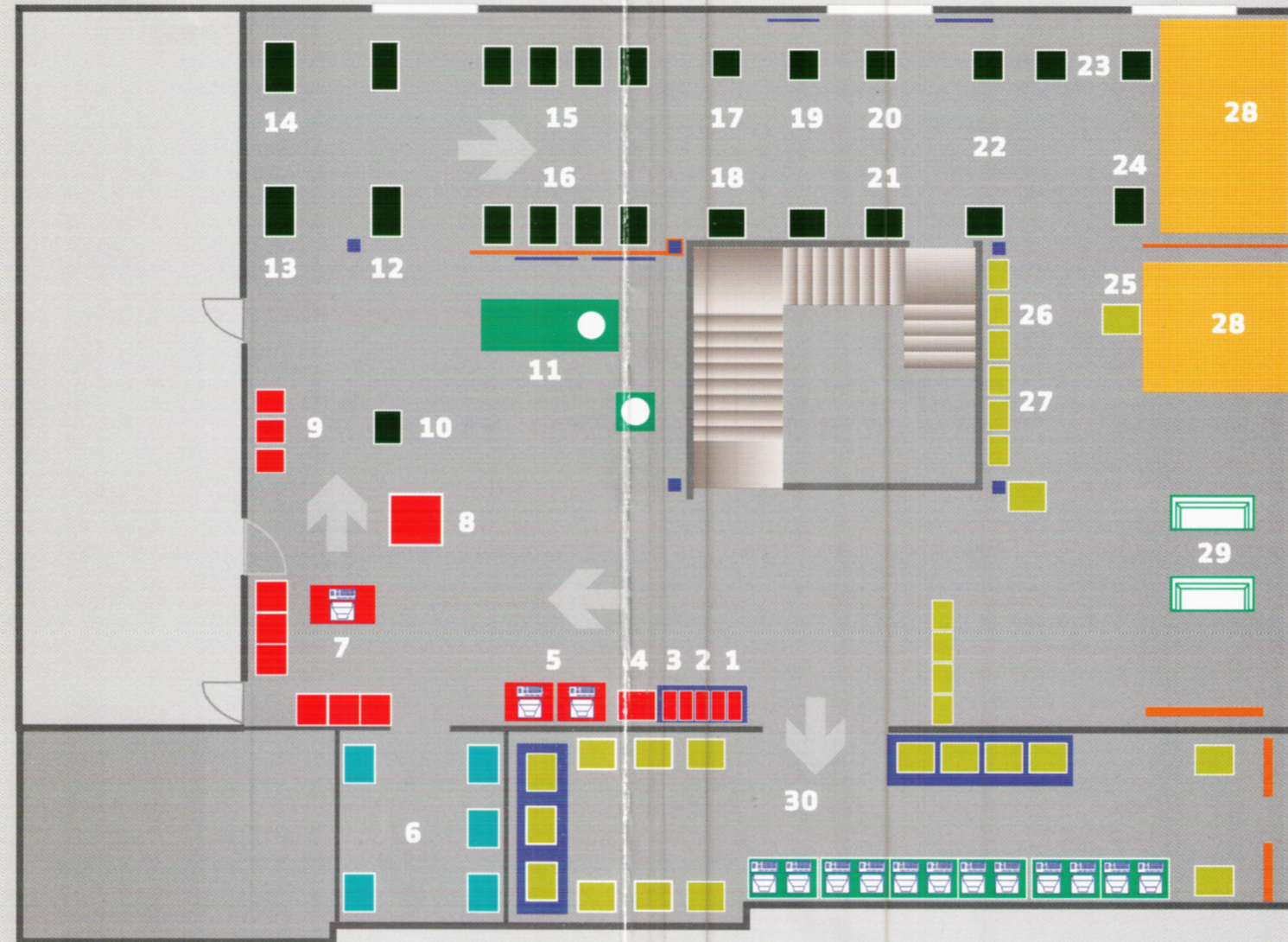


## VISITOR INFORMATION

**Website:** www.ajovomultja.hu  
**Address:** Szeged, Kálvária sgt. 23. (also accessible at no. 32 in Gogol utca)  
**Telephone:** +36 62 563 487  
**E-mail:** itmuzeum@agoraszeged.hu



## Upper level



- 1 Alfa server
- 2 Digital server
- 3 IBM server
- 4 VILATI industrial robot controler
- 5 Gepárd-8 telex computer
- 6 Neumann room
- 7 MERA 9150 data preparation system
- 8 IBM 360 computer

- 9 Terminals
- 10 Hunor 131 desktop calculator
- 11 Ladybird
- 12 Hunor calculators
- 13 HP 9100b desktop calculator
- 14 EMG products\*1
- 15 Word processor\*2
- 16 Enterprise computers\*3

- 17 Amiga family computer
- 18 Commodore computer family
- 19 PET 2001 personal computer
- 20 ZX computer family
- 21 Atari computer family
- 22 Hungarian home and school computers
- 23 Apple computers
- 24 Progress of IBM PC

- 25 Proper 16 personal computer
- 26 Towards the mobility\*4
- 27 Video game computers
- 28 Interactive games
- 29 Cinema point
- 30 Internet history room

\*1 EMG 666, EMG 666B, EMG 893 \*2 Rosy-80MF, Rosytext Mini \*3 M08-X, UniPC, TAP 34, EMG 777, HT 6:30x computer \*4 MAT (Walkom), Mobi-X, Apricot Portable, Grid laptop

# The past of the future

Exhibition on ICT History  
 Albert Szent-Györgyi Agora, Szeged



## Dear Visitors,

Did you know that even a robot ladybird could get offended? And do you know how to make friends with it again? Would you like to be a boss or secretary in an office from 50 years ago? Would you like to take a look at a telephone exchange that was used in the mid-20<sup>th</sup> century? How about trying to operate it? Would you be surprised to find out that a few decades ago, room-sized computers were unable to do what teeny-weeny microchips or nanochips can do today? Are you interested to see authentic relics related to John von Neumann? Then come and look at all these fascinating exhibits at our EXHIBITION ON ICT HISTORY in Szeged. You can have a look and try the communication and information technology devices of by-gone times, which might provoke a smile or two from you. However, when you scroll this text on your smart phone or tap away on icons to get your device to do sensible things for you, please don't forget that the work of many thousand man-years is behind the touch of your finger. Work that was done without the support of operation systems or minimal convenience services, work that created translators to convert icon tapping into meaningful series of bits for computers. Just for a second, think of the people „who laid the foundations and the first row of stones at the base of the pyramid: without the »sweat of their brows« your shiny smart phone would just be a hundred grams of non-ferrous metal junk contaminated with sand (SiO<sub>2</sub>).”<sup>1</sup>

This fantastic permanent exhibition<sup>2</sup> was opened for the public in December 2012. The collection presented at the exhibition invites you to embark on a time travel into the world of bits and bytes, with the help of the latest technology.

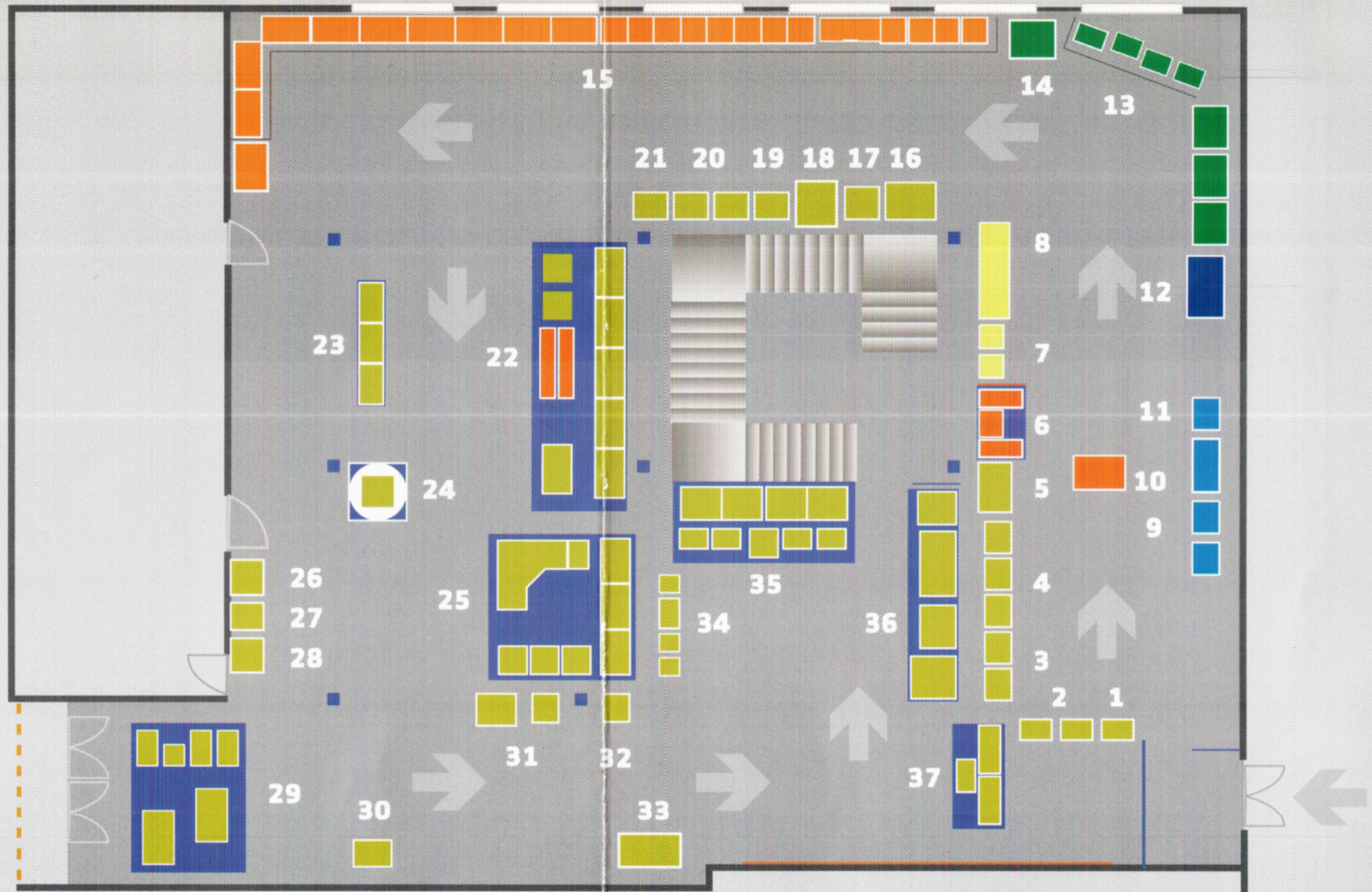
The John von Neumann Computer Society wishes all visitors a pleasant time at the exhibition.

*“Preserving values from the past, adapting to the present, influencing the future.”*

<sup>1</sup> Quotation from the book by Gábor Képes, Géza Álló: A jövő múltja, Neumanntól az internetig/The Past of the Future, from Neumann to the Internet. The book introduces readers to ICT history, includes a detailed description of the devices exhibited and presents the life path of scientists who have contributed to outstanding achievements in the field. The book can be purchased in the book shop located in the Agora.

<sup>2</sup> A detailed description of all the exhibits is presented on the exhibition website [www.ajovomultja.hu](http://www.ajovomultja.hu). Here you can also read about the life path of renowned scientists, among others that of John von Neumann, and view objects that once belonged to them. You are welcome to take a virtual walk among the objects displayed at the exhibition.

## Lower level

- 
- 1 Abacus
  - 2 Slide rule
  - 3 Mechanic addiator
  - 4 Mechanic calculators
  - 5 Telephone exchange
  - 6 MEDA hibrid calculator
  - 7 Bull punched card labeller
  - 8 T5 M punched card machine
  - 9 M3 circuit units
  - 10 M3 unit tester
  - 11 PDB 204 storage unit
  - 12 Ural vacuum tube tester
  - 13 Kalmár corner
  - 14 Mikromat building kit
  - 15 Razdan-3 configuration
  - 16 TPA 1001 computer
  - 17 TPA 70 computer
  - 18 M3 circuit units
  - 19 PDP-11 computer
  - 20 Mitra 15 computer
  - 21 R10 computer
  - 22 Minszk 22 computer
  - 23 Minszk 32 computer
  - 24 IBM magnetic tape unit
  - 25 EMG 830 computer
  - 26 HP7970E magnetic tape reader
  - 27 Olivetti punched tape spooler
  - 28 HP 1000 microcomputer
  - 29 R22 computer
  - 30 MCD 1 flexible disk unit
  - 31 Honeywell 2200 computer
  - 32 IBM 1311
  - 33 Floppymat data preparation machine
  - 34 Siemens 4004 configuration
  - 35 TANDEM configuration
  - 36 ICT configuration

## ABOUT the JOHN VON NEUMANN COMPUTER SOCIETY

The John von Neumann Computer Society was founded in 1968. As their objective, the founders of the Society set creating a forum and representing the interests of professionals in computer science, which was at an initial stage then. Today, the Society operates sections that cover all ICT fields, its regional organisations can be found all over Hungary. The Society is involved in a number of international projects and is a member of major organizations of the ICT profession.

In addition to delivering tasks relevant to ICT in the narrow sense, the Society also voices digital equality for the population of Hungary more and more powerfully. A few years ago, a **digital equal opportunity programme** was launched in order to clearly prioritise knowledge as one of the three pillars – infrastructure, demand, knowledge – that information society builds on.

The Society offers courses to attain **ECDL certification** (European Certificate for Digital Literacy) and to learn basics in the use of internet (e.g. Netszeregy). One-day complex, interactive training in e-administration for beginners to introduce them to e-administration constitutes the latest element in the integrated training offer of the Society. **Digital Literacy for All – From Basics to ECDL** is an accredited course the Society has on offer.

Preserving and disseminating the cultural heritage of the profession is one of the priorities of the Society. “We will do our utmost to draw international attention by presenting achievements reached in information and communication technology in the past century, with the help of 21<sup>st</sup> century technology. We intend to present the past of the future.” (István Alföldi, managing director). The permanent exhibition in the Albert Szent-Györgyi Agora in Szeged is part of this endeavour. Staging the Exhibition on ICT History involved significant intellectual and financial input. The Society intends to carry on and present a collection that would come up to international standards and attract the general public as well as the profession. Collecting the exhibits was a several-decade-long process that couldn't have been carried out without the outstanding contribution by **Dániel Muszka**, **Győző Kovács** and **Mihály Bohus**.

Whether you are a professional or simply interested in ICT, please visit the homepage or Facebook of the Society to get more details about its manifold tasks and activities. ([www.njszt.hu](http://www.njszt.hu), <http://www.facebook.com/njszt>)