

SPECIAL EXHIBITION „SUPERBRAIN“



1, 2: brain model 3: synaptic game 4: homunculus 5: logic and psychopendulum
6: illusions 7: information about the nervous system (55' monitor)

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This interactive exhibition for children and adults was developed in 2018 and designed by Dr. Eckhard Schulz for the AUDIOVERSUM Science Center Innsbruck in cooperation with Prof. Kröger / Biomedical Center Munich and the company Kurt Hüttinger GmbH & Co. KG Schwaig.

The special exhibition is available for sale or rent from August 2020.

Visitors actively experience in a playful way how fascinating the human brain functions, what enormous achievements it performs and where its limits lie. In an enlarged interactive translucent brain model (scale approx. 1:5), the human sensory organs can be activated by touching of 7 touchscreens equipped with a camera: eyes, nose, mouth, ears, sense of touch (skin). When a visitor approaches a screen it reacts and in the corresponding cortex region, which primarily processes this sense, lights up in the brain model, images 1 and 2.

In a strongly enlarged neuronal network, a central neuron can be excited by buzzers, so that its axon causes Mr. Bean to stick out its tongue, image 3.

There are numerous topics offered, such as the development of the brain, mirror neurons, memory, multitasking, language, illusions, interactively presented in a playful way, as well as games on logic, on paradoxes, on speech comprehension under difficult conditions, and much more.

The exhibition consists of 25 stations, 7 monitors (55") , 12 posters (180cm x220 cm). It is held in 3 languages: German, English, Italian. The information is also available via iPad station-related.

Exhibits:	25 interactive stations 7 Touchmonitore (55") 12 photo boards; W: 180cm, H:220cm
Availability:	From August 2020
Languages:	German, English, Italian
Space required:	The full exhibition requires 150 sqm
Electrical supply:	230 V, 4 kW

Detailed description for museum guides and digital material including video and audio for advertising and for training and lectures are also available / part of this offer. All exhibits are barrier-free. You can visit the special exhibition at the moment in the Welios Science Center in Wels / Austria up to the end of August 2020.



8: brain model



9: communication