

Where
knowledge and challenge
meet

Avenue into the future: the ELI Science Park in Szeged

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www.u-szeged.hu

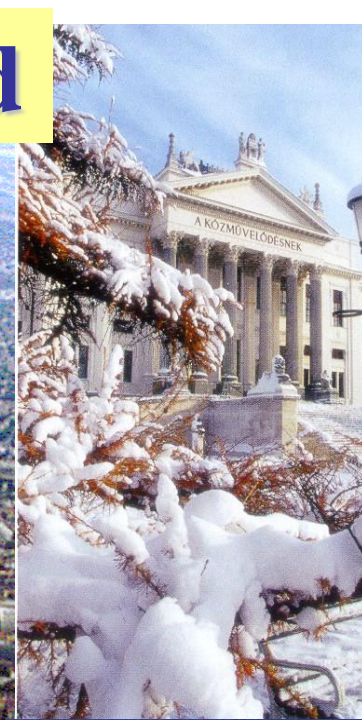


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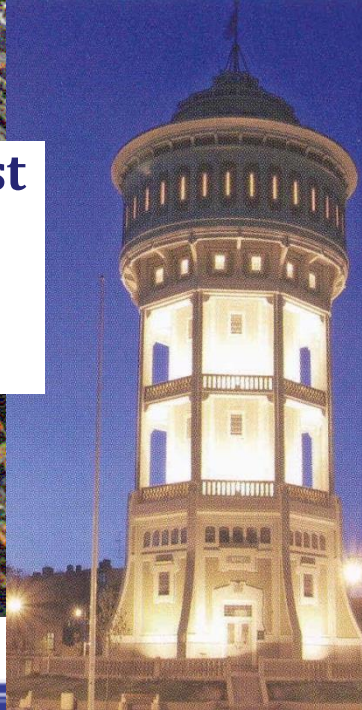
**Main motif:
the creation of world-class research infrastructure
(ELI) combined with the potentials of the
University of Szeged is expected to revolutionize
regional economic development**



City of Szeged



- Cultural center of South-East Hungary (City of Sunshine)
- population: 170 000
- Vibrant academic city



University of Szeged



History

1581: Founded by István Báthory in Kolozsvár (Cluj Napoca)

1872: Foundation of the "modern" university by the emperor Franz Joseph

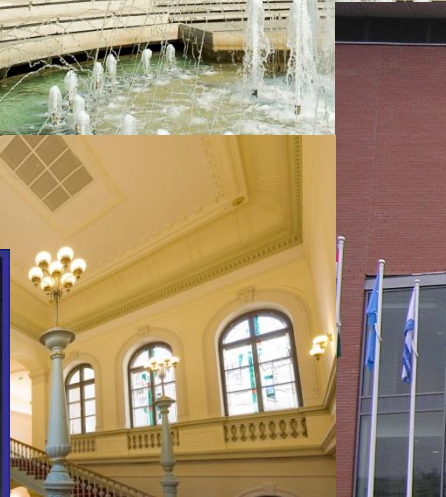
1921: The University moved from Kolozsvár to Szeged

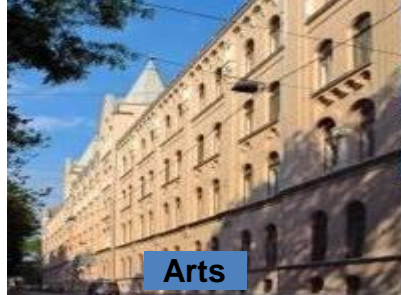
1951: Faculty of Medicine seceded from the University

2000: Integration of universities and colleges of Szeged and Hódmezővásárhely under the name University of Szeged. Hungary's 2nd largest university has been established.



Albert Szent-Györgyi
Nobel-laureate
(Medicine, 1937)

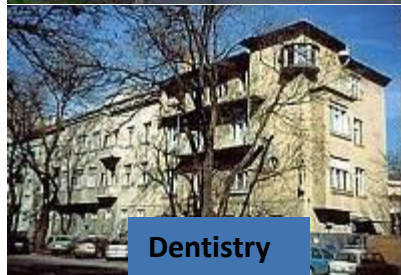




Arts



Nursery



Dentistry



Economics



Teacher Training



Science and Informatics



Music



Medicine

World rank: top 500
Hungarian rank: 1-2
GreenMetrics World rank 19

- 27.000 students, (2000 foreign students)
- academic staff over 2000
- 12 faculties, 1 highschool, 2 elementary schools, 27 university clinics
- over 7200 employees
- annual budget over 220 M€ (50% own income)
- 19 PhD Schools
- over 1200 PhD students
- 92 BSc/BA, 117 MSc/MA programs
- „Research University” title in 2010
- „University of National Excellence” title in 2013



Engineering



Law



Agriculture



Pharmacy

Research Priorities

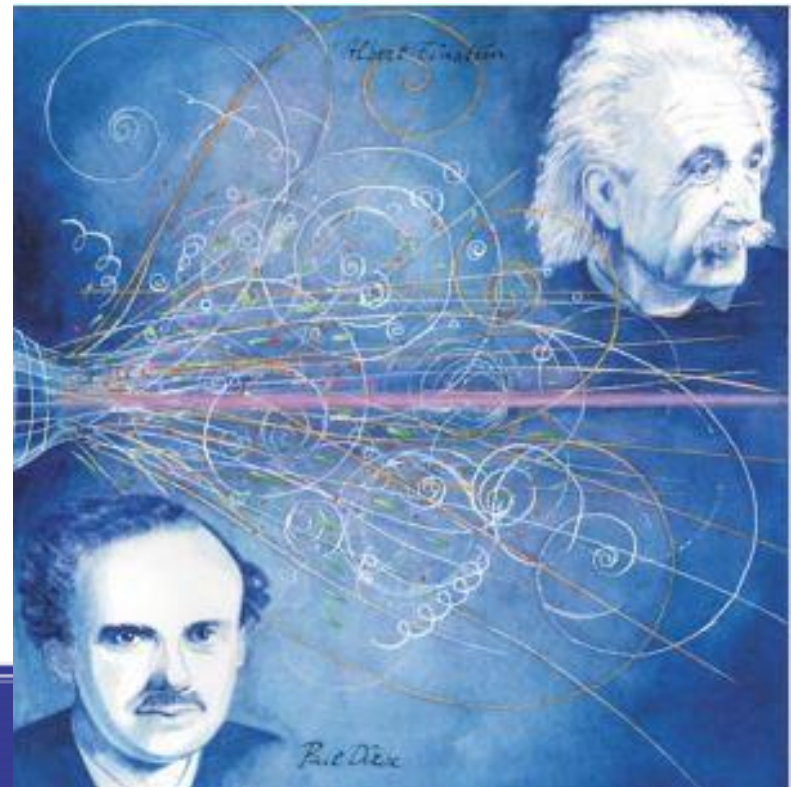
- 1. Neurobiology**
- 2. Clinical/Preclinical Pharmacology**
- 3. Molecular Biology & Genetics**
- 4. Nanotechnology and Materials Science**
- 5. Laser Physics**
- 6. Software Engineering/Informatics**
- 7. Biotechnology and Environmental Technology**

Extreme Light Infrastructure

Physics Today, 2010 June

Megalasers to pulse in several new EU countries

As the world celebrates 50 years since the invention of the laser, a European facility approaching exawatt power is expected to stimulate new research areas and communities.



The result



ELI-Cz



ELI-Ro



ELI-Hu



EU project: Extreme Light Infrastructure (ELI) Szeged: ELI ALPS (Attosecond Light Pulse Source) 250 M€, to be completed in 2017



Current status



attosecond

Artistic rendition of the ELI Science Park



Timeline of the Science Park project

First phase (2014-2016): Incubator house (Floor space: 6400 m²)

Cost: 8.5 M€, Investor: Hungarian Development Bank

Status: business case ready, premission process started

Expected start of construction: second half of 2015

Second phase (2015-2025): Development of the Science Park

Cost: 650 M€

Status: zoning plan accepted by the City Council, 10 M€ planned in the City and County budget for infrastructural development

Third phase (2015 –): Creation of the South Great Plain Economic Growth Zone (twining with the City of Hódmezővásárhely)

Status: application submitted to the Ministry of Economy



**Thank you
for your attention!**

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