

Erasmus+ Staff Mobility for Teaching

RECEIVING INSTITUTION:

Instituto Politécnico de Santarém, Portugal

Dr. Beáta Jarosievitz Phd.

College professor at Dennis Gabor College (DGC)



Institute of Basic Sciences and Technology

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E-mail: jarosievitz@gdf.hu

Lecture: Communication Skills with ICT Tools (Part I.)

Introduction: about myself, country, Budapest, DGC

Table of content

- Who am I ?
- Country (a few famous Hungarian inventors)
- Budapest
- [DGC](#)



Author: Dr. Beáta Jarosievitz; E-mail: jarosievitz@gdf.hu

Introduction: about myself

Education

1990: **MASTER's degree** in **Physics and Physics Research**

1996: **DR. UNIV. DEGREE** in Nuclear Techniques

Title of the thesis: *Gamma-spectrometry of extended sources for analyzing environmental samples*

1999: **MASTER's degree** in Computer Science

2001: **MASTER' degree** in Managing Public Education (post-graduate)

2006: **Ph.D. DEGREE IN EDUCATION** (Educational Research)

Title of the thesis: *Opportunities of Information Technology (ICT) and Multimedia in Education*

Introduction: about myself

Work experience

- from 2010 (full time job)

College professor at Dennis Gabor College (DGC)



- from 1999 (part time job in a private school)

[SEK Budapest International School](#)

- Computer teacher

(Educational advisor: Physics, Computing)



Introduction: about myself

Work experience

Teaching courses: at Dennis Gabor College

- **Multimedia** (Language: Hungarian and English - Erasmus)
Theory and practice
- **Electricity**
Theory and problem solving
- **Computation Theory**
Fundamentals practices for students
- **Physics**
Theory and problem solving

Introduction: about myself

Work experience

President of the local **Student Research Society** ([TDK](#))

TDK

- started in 1950
- a unique cooperation, professional and personal relationship between students and teachers
- teams are enrolled in local and countrywide competitions

Aim: to make students involved in research activities and to encourage them to prove the validity of their research hypotheses and findings

„Talent management in TDK has always been a priority for the ministry managing the Hungarian education system” [References](#).

Introduction: about myself

Work experience

- [GIREP](#) (International Research Group on Physics Teaching) representative in Hungary
- Member of different societies (GIREP, ELFT, MNT, ISZE, etc.)
- Projects
Coordinator, and advisor in many international projects launched by EUN (LIFU, XPERIMANIA, SPICE, SCIENTIX, Science on Stage, etc.)
- Publications: 128
https://www.researchgate.net/profile/Beata_Jarosievitz_Dr2

Introduction: my country



Capital of Hungary: Budapest



Author: Dr. Beáta Jarosievitz; E-mail: jarosievitz@gdf.hu

Introduction: Hungary, Budapest



Capital of Hungary: Budapest



Budapest time lapse video (NN Photography)

Source: <https://www.youtube.com/watch?v=5ynGpsRtNHw#t=18>

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Introduction: Hungary, Budapest



Communication Skills with ICT Tools used for getting to know our capital

**EXPLORE
BUDAPEST**

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@HAND**

Do you know
what is the Millennium Underground Railway famous for?
where can the Temple of Knowledge be found?
who is the inventor of the ballpoint pen?
where can the Hungarian Champs Elysee be found?
what is the legend of the Chain Bridge?
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to your mobile device**

- 2** **DOWNLOAD and START the
available walks in GUIDE@HAND Budapest**
Hit the "Walk" tab and select a walk
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You can use the „Download" button below the description...
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to get information on interesting programs in
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Budapest

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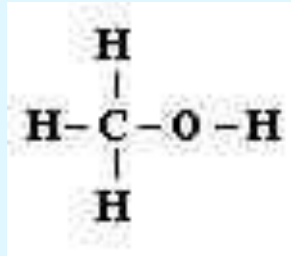


Source:

<https://guideathand.com/en/downloads/guide@hand>

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Introduction: Hungary (a few famous inventors)



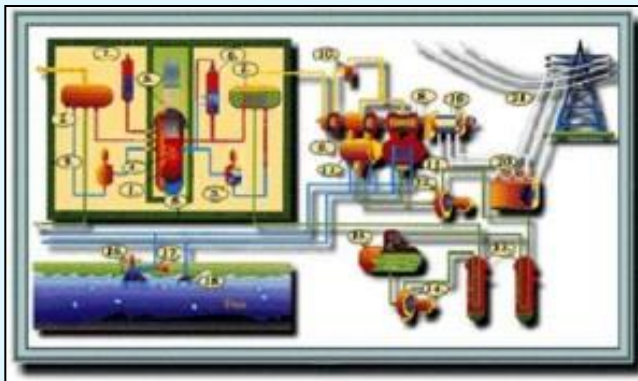
George Oláh

Nobel prize in Chemistry 1994



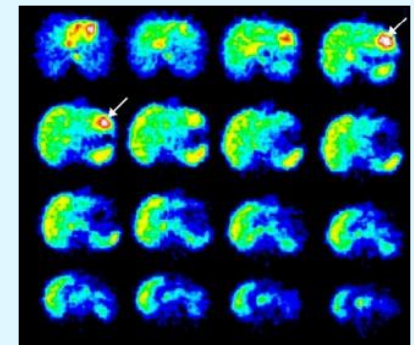
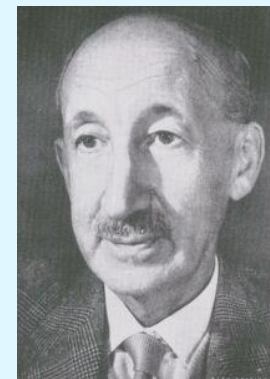
John von Neumann

Computer architecture, principles



Leó Szilárd

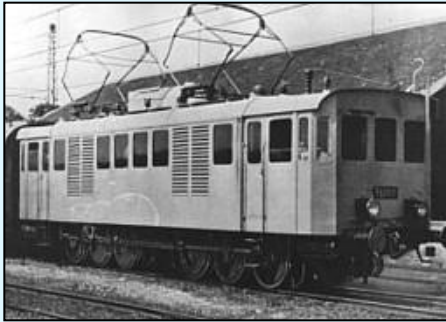
One of the inventors of the nuclear reactor



George de Hevesy

Nobel prize in Chemistry 1943

Introduction: Hungary (a few famous inventor)



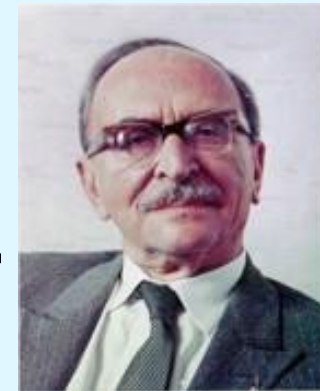
Kálmán Kandó
Electric train



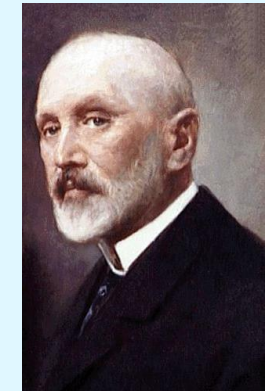
Albert Szent-Györgyi
Nobel prize in Medicine 1937



Eugene Paul "E. P." Wigner
Nobel prize in Physics 1963



Dennis Gábor
Nobel prize in Physics 1971



Roland Eötvös (2019 – Eötvös Year)
Eötvös pendulum

Introduction: DENNIS GABOR

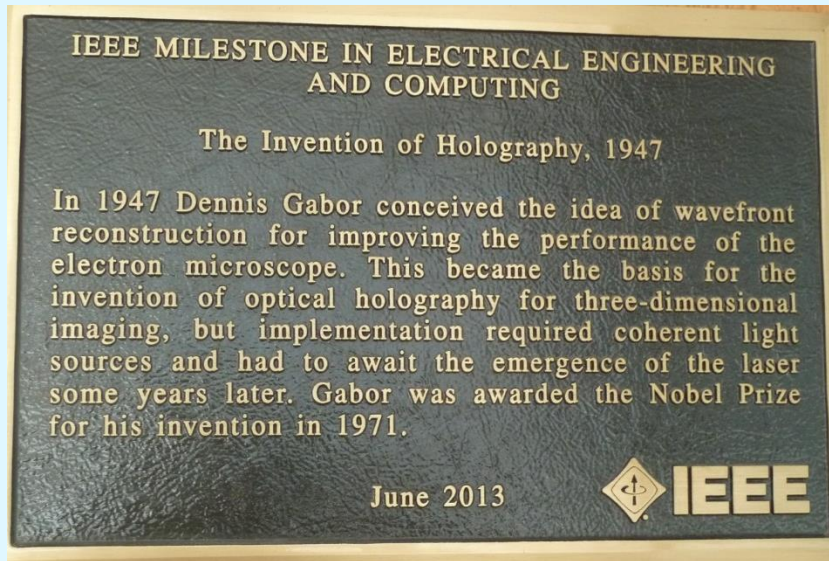


DENNIS GABOR

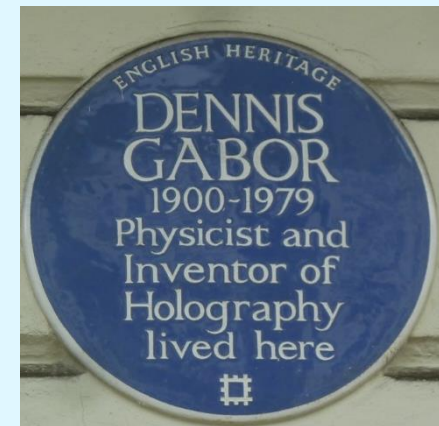
Nobel prize winner for holography: 1971

Wall Plaque in Imperial College Dept. of
Electrical and Electronic Engineering

Employed from 1933



Wall Plaque in Queen's Gate,
London



Source:

*Emeritus Professor Gareth Jones,
High Energy Physics Group, Dept. of Physics,
Imperial College London*

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Introduction: DENNIS GABOR COLLEGE

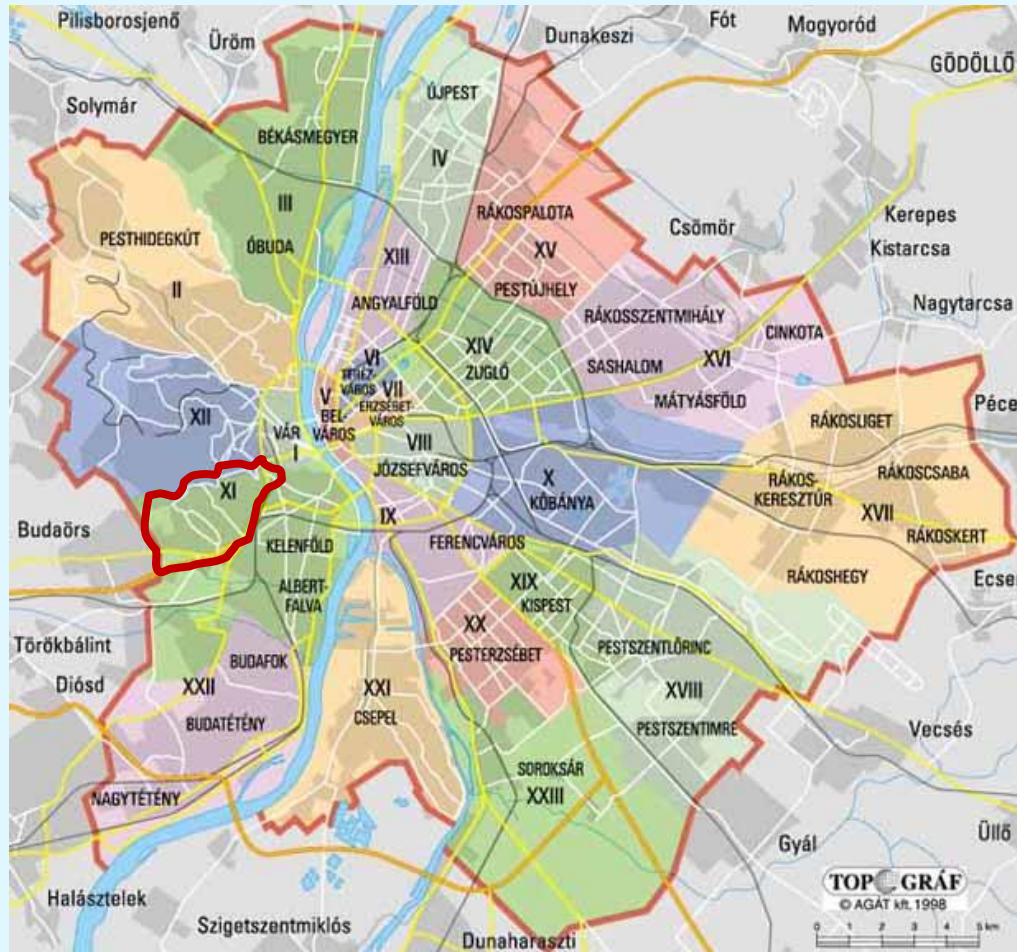


Foundation: 1992

WEBSITE: <http://college-study-hungary.eu/>

**Private higher education
institute accredited by the
Hungarian State.**

- more than 11 thousand graduates
- approx.: 40 full-time instructors



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Programs

- **BSc in Business Administration and Management**
- **BSc in Computer Science Engineering**
- **BSc in Business Informatics**
- **BSc in Tourism and Catering**

Forms of Education

- Distance learning (blended learning)
- Full time education



Methods: open and flexible

- Support for Distance Learning

<https://ilias.gdf.hu/>

ILIAS = web based Learning Management System

Allows users:

- to create
- to edit
- to publish
- Student's and tutor's packages
- Study material
- Tutor-led instructions

Introduction: DENNIS GABOR COLLEGE



ilias.gdf.hu/repository.php?ref_id=48353&cmd=render&rep_frame=1

GDF ILIAS

Dr. Jarosievitz Beáta

Personal Desktop Repository

Repository » BSc/BA Courses » Multimedia

Multimedia

Headteacher: Beáta Jarosievitz Dr., PhD

Content Info Settings Local User Administration

View Manage Text/Media Editor

Add New Item +

Categories

- Exam Actions
- Laboratory Actions
- Presentations Actions

Forums

- Subject forum - Multimedia Actions
 - Articles (Unread): 3 (0) New Articles: 0
 - Latest Article: Dear Students! As you probably have s... from jarosievitz, 06. Mar 2014, 10:13

News (1-5 of 6)

- File: Multimedia - Sub Study Guide.pdf File has been updated
- Forum: Subject forum Multimedia 3 Postings have been
- File: Useful_links.pdf File has been added.
- File: Multimedia - Sub Study Guide.pdf File has been added.
- File: Multimedia - Sub Description.pdf File has been updated

Details

Repository

- Általános információk
- Science and Creative Workshops
- Exhibition area: GDF and its entrance
- BSc/BA alapképzés
- BSc/BA Courses
 - Application Development Technology
 - Basic Logistics and Software
 - Business Communication
 - Business Economics
 - Business Management
 - Corporate Finance
 - Decision Support Systems
 - Enterprise Resource Planning
- Systems
 - Environmental Management
 - Ergonomics and Work Safety
 - Foundations of Accounting
 - History of Sciences and Technics
 - Human Resource Management
 - Hungarian Language and Culture
 - International Economics
 - Multimedia
 - Exam
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 - Presentations
 - Project Management
 - Quality Management
 - Strategic and Business Planning

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