INTRODUCTION OF BUDAPEST TECH

Imre Rudas

2007

PAST AND PRESENT

Forming Institutions

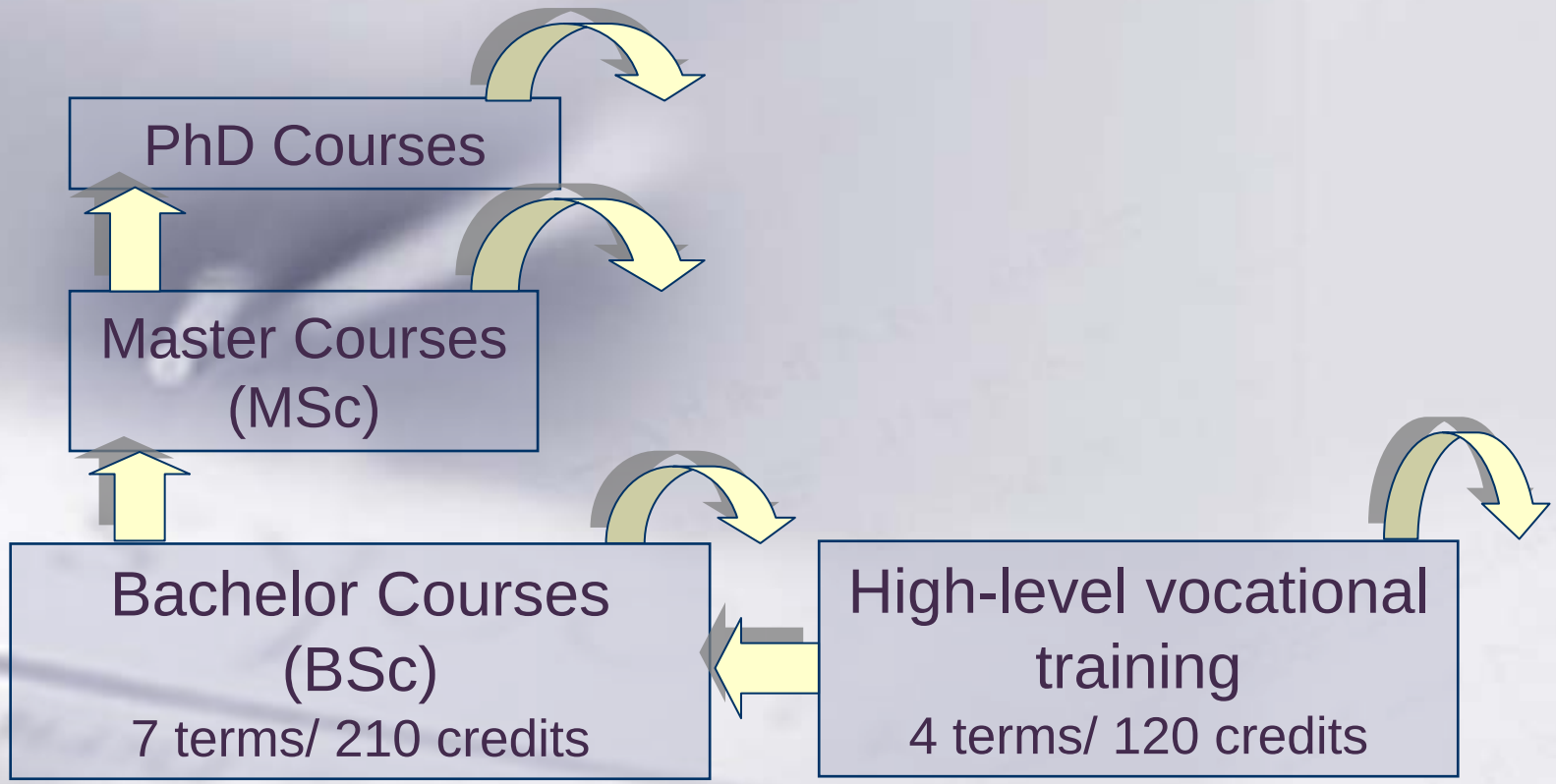
Bánki Donát Polytechnic

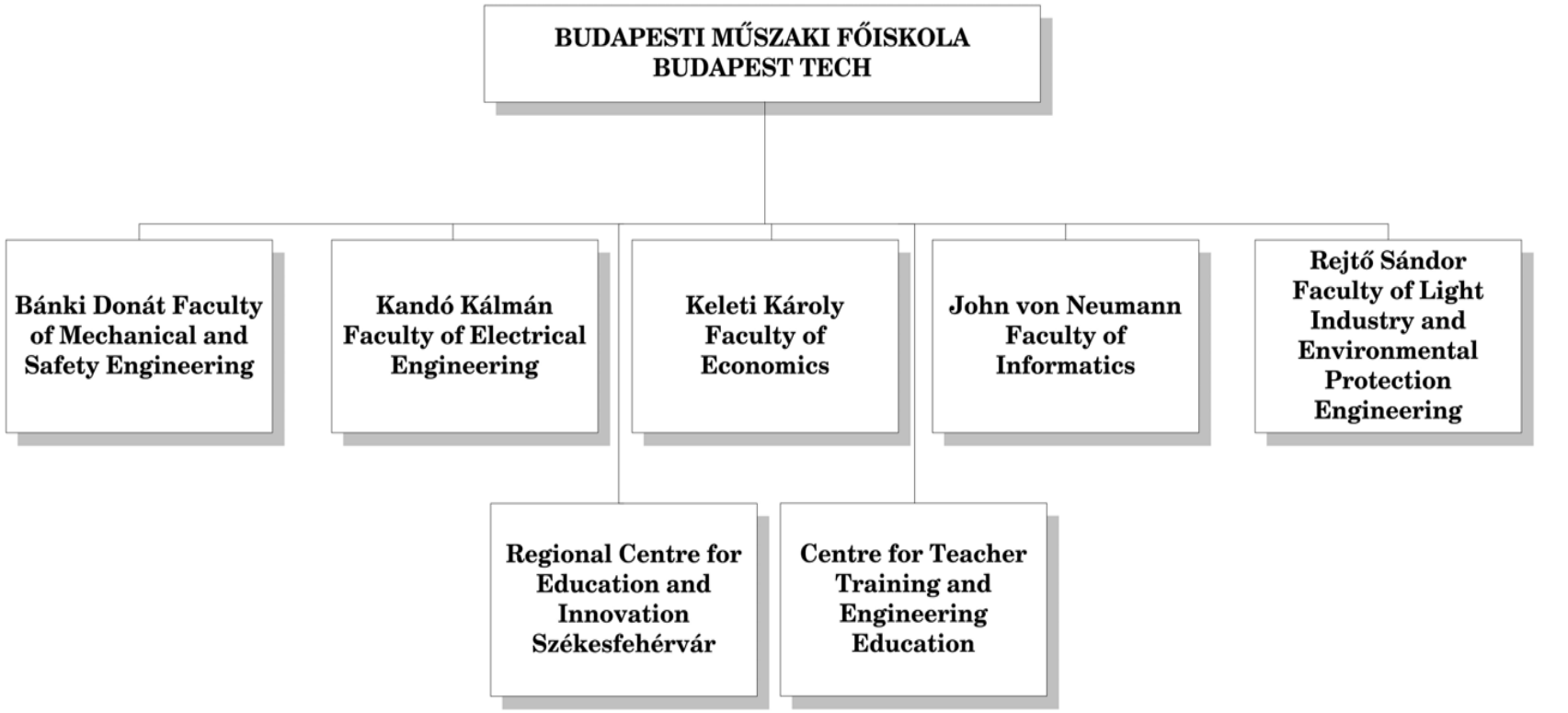
Kandó Kálmán Polytechnic

Technical College of Light Industry,

Budapest Tech was established on January 1, 2000, which provides training for more than 12,500 students at five faculties.

Bologna-process




BUDAPESTI MŰSZAKI FŐISKOLA
BUDAPEST TECH
Bánki Donát Faculty of Mechanical and Safety Engineering
Kandó Kálmán Faculty of Electrical Engineering
Keleti Károly Faculty of Economics
John von Neumann Faculty of Informatics
Rejtő Sándor Faculty of Light Industry and Environmental Protection Engineering
Regional Centre for Education and Innovation Székesfehérvár
Centre for Teacher Training and Engineering Education

INTERNATIONAL RELATIONS

Carnegie Classification

Search Results

Research

Alexander von Humboldt

(1769-1859)

A nature researcher
and explorer,
universal genius.

Research and Higher Education cannot be separated.

Can we measure research activities?

Mom! How do babies born?

They are downloaded from the Internet.

12th EMEA Academic Forum

[European Universities' ranking on the Web: University Ranking in Hungary]

John von Neumann Faculty of Informatics

(NIK)

Study programs:

- BSc course in
  Computer Science and Engineering
  (since 2004)
- MSc course in
  Computer Science and Engineering
  (under accreditation)
- (PhD in Informatics)

NIK

- provides electives,
- includes knowledge /technology into
  - the regular courses,
  - R/D.

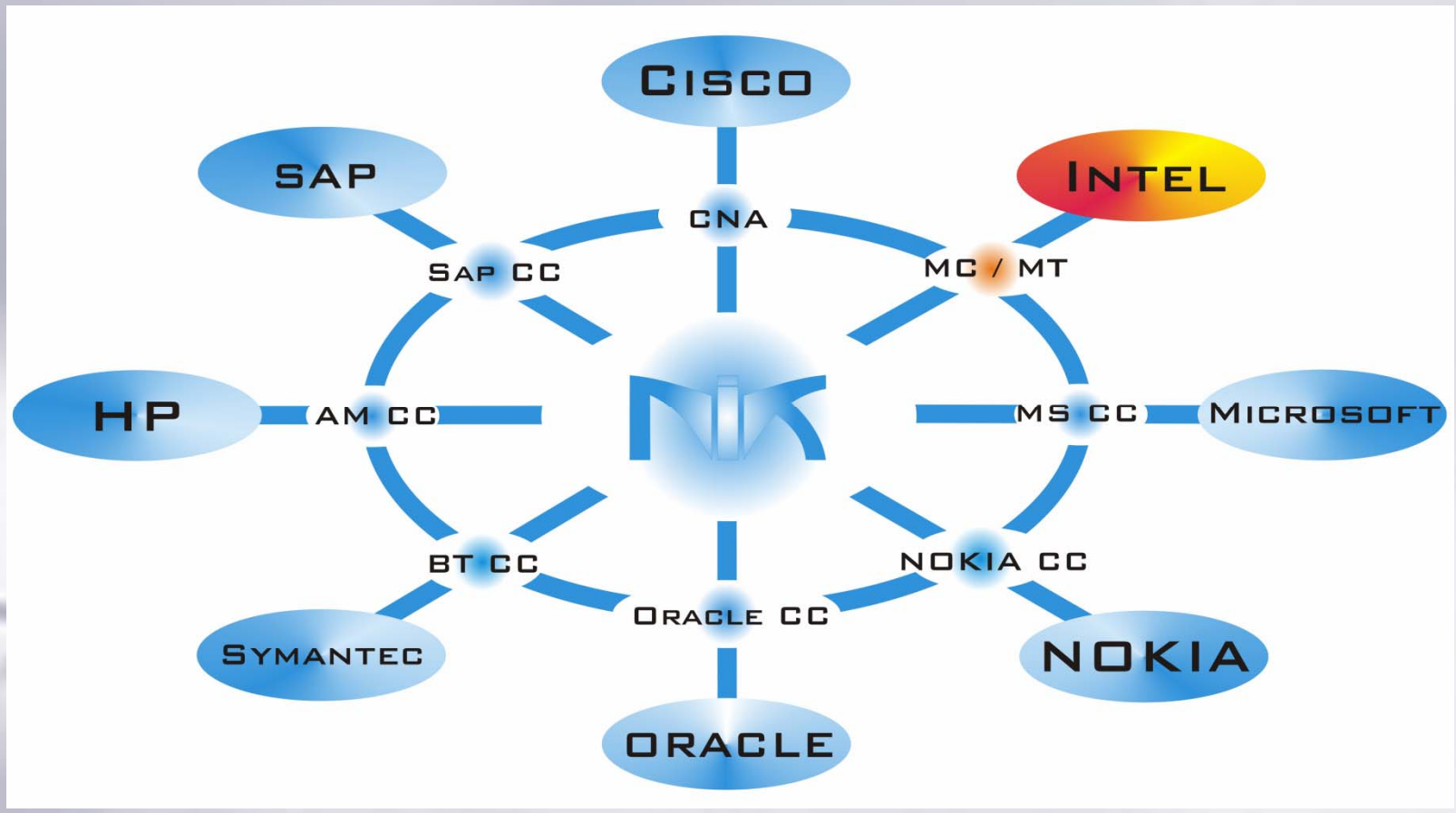
The company

- supports the setting up and updating the hardware/software environment needed,
- provides technical information (like documents, conferences).

Aim:

- Continuously updated
  - knowledge/technology base (a team of 3-5 staff members)
  - software/hardware environment
  - Utilization in education and R/D

Competence Centers of NIK



Intel’s Competence Center

- Focus on Multicore/Multithreaded technology
- Electives since September 2006

Multicore/multithreaded R/D activities at the Faculty

- Bioinformatics applications
  - Evaluation of 3D tissue patterns (in collaboration with 3DHistech)
  - Genetic research (in collaboration with SOTE)
- Cooperation looked for projects aiming to compare homogeneous/heterogeneous programing models for essential applications


Thank you for your attention!