



Digital
MASTER SCHOOL

EIT Visual Computing and Communication

High Performance Computing and Networks

Szirmay-Kalos László

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MOBILITY MAP

VISUAL COMPUTING AND COMMUNICATION (VCC)

2 YEARS
UNIVERSITIES
COUNTRIES
DEGREES



YEAR 1 ENTRY LOCATIONS

SWEDEN

KTH Royal Institute of Technology, Stockholm

ITALY

University of Trento

FRANCE

Sorbonne University, Paris



YEAR 2 EXIT LOCATIONS

SWEDEN

KTH Royal Institute of Technology, Stockholm

ITALY

University of Trento

HUNGARY

Budapest University of Technology and Economics

FINLAND

Aalto University, Helsinki

FRANCE

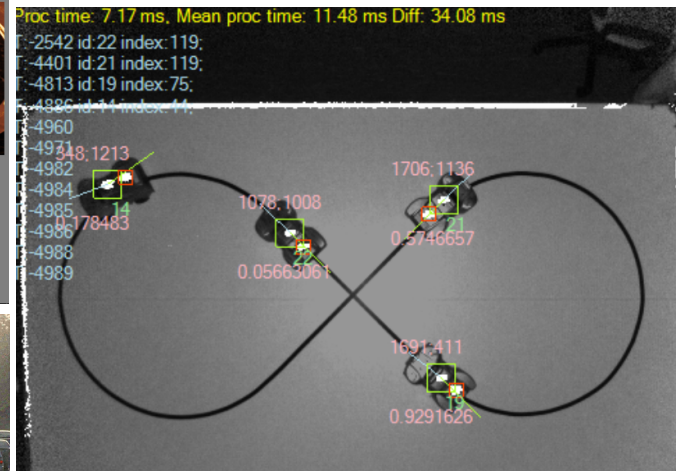
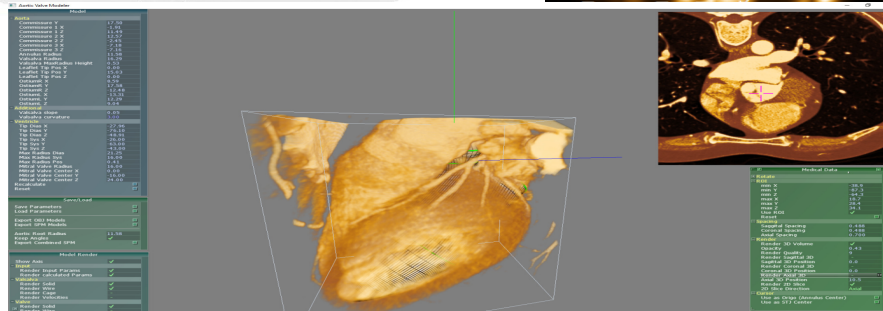
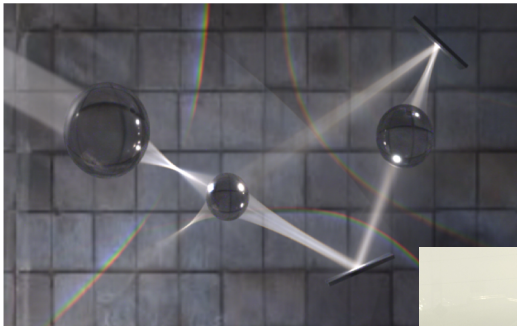
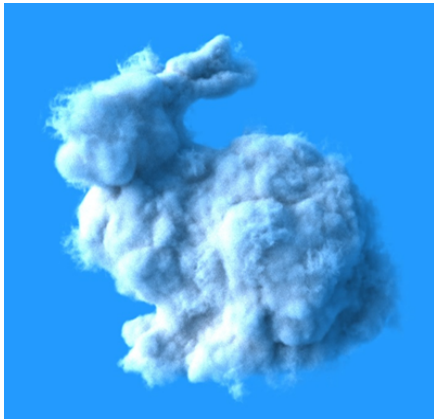
Sorbonne University, Paris



BME Exit: High Performance Computing and Networks

- Program: <http://cg.iit.bme.hu/portal/content/eit>
 - **Flexible** with an emphasis on **parallel processing, graphics, GPGPU** solutions, **cloud**, and **networking**
- Mandatory subjects:
 - Development of Software Applications, I&E Study
 - Diploma work (in both semesters at a company)
- Optional subjects (select 5):
 - High performance parallel computing + Parallel programming Lab, GPGPU applications, Cloud networking, Human-computer interaction, Mobile and Web-based software, Modeling and animation in 3D Studio Max, Sensor Networks and Applications, Internet services and Applications, Communication Technologies for Autonomous Vehicles, Business intelligence (data warehouses)

Department research projects



Tomorrow's Digital Innovators and Entrepreneurs

Recent thesis projects/internships

- Industrial partners: Commsignia, T-systems, **Ericsson**, Ustream, Nokia Networks
- Recent examples:
 - Resource Allocation for Edge Computing
 - Web-based Dynamic Network Workflow Visualization
 - Novel algorithms for global positioning of AR players leveraging cloud based SLAM modules