



Education and Culture DG



Lifelong Learning Programme

<http://eacea.ec.europa.eu/llp>

510558-LLP-1-2010-1-BE-ERASMUS-ECDSP

<http://mechanics.kahosl.be/tom>

With the support of the Lifelong Learning Programme of the European Union

STUDYING ENGINEERING AND MANAGEMENT AT "ȘTEFAN CEL MARE" UNIVERSITY OF SUCEAVA



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<http://eacea.ec.europa.eu/llp>

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<http://technologymanagementstudies.eu>

<http://technologymanagementstudies.ro>

19 decembrie 2012

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Universitatea
Ștefan cel Mare
Suceava



IM

Inginerie și
Management

<http://technologymanagementstudies.ro>

- TOM project
- Introducing to Engineering and Management;
 - “Ștefan cel Mare” University of Suceava , Faculty of Mechanical Engineering, Mechatronics and Management
 - Why study Engineering and Management at “Ștefan cel Mare” University of Suceava?



➤ TOM project

USU

TOM-Technical Office Management

- **Status:** In progress.
- **Duration:** 01.10.2010 - 30.09.2013
- **Project website:** <http://mechanics.kahosl.be/tom/>
- The project aims at the curriculum development of a training in technical and mechanical as well as commercial and management skills.
- The training will enclose 240 credits of which a minimum of 30 credits will be interchangeable.

TOM-Technical Office Management

Project partners:

- Katholieke Hogeschool Sint-Lieven, Gent, Belgia, coordonatorul proiectului
- Hochschule Aalen, Hochschule für Technik und Wirtschaft, Aalen, Germania
- Universite Claude Bernard LYON 1, Franta
- University of East London, Marea Britanie
- Universitatea Ștefan cel Mare, Suceava, Romania
- Fachhochschule JOANNEUM Gesellschaft mbH, Graz, Austria

Project partners:



Katholieke Hogeschool Sint-Lieven (KAHO)



Hochschule Aalen (HS Aalen)



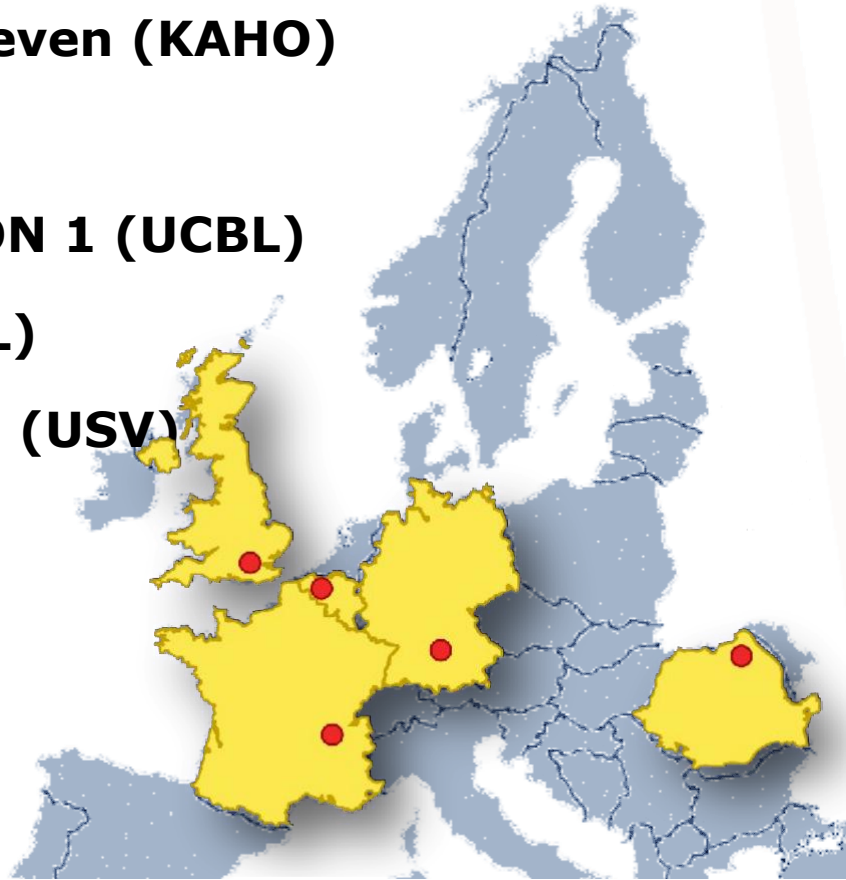
Université Claude Bernard LYON 1 (UCBL)



University of East London (UEL)



Universitatea 'Stefan cel Mare' (USV)



Universitatea
Ștefan cel Mare
Suceava



Lifelong Learning Programme
<http://escpe.ac.europa.eu/lp>
510558-LLP-1-2010-1-BE-ERASMUS-ECUSP
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<http://mechanics.kaho.be/en>

<http://technologymanagementstudies.eu>
<http://technologymanagementstudies.ro>

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Web link to Project partners



<http://TechnologyManagementStudies.be>



<http://TechnologyManagementStudies.de>



<http://TechnologyManagementStudies.fr>



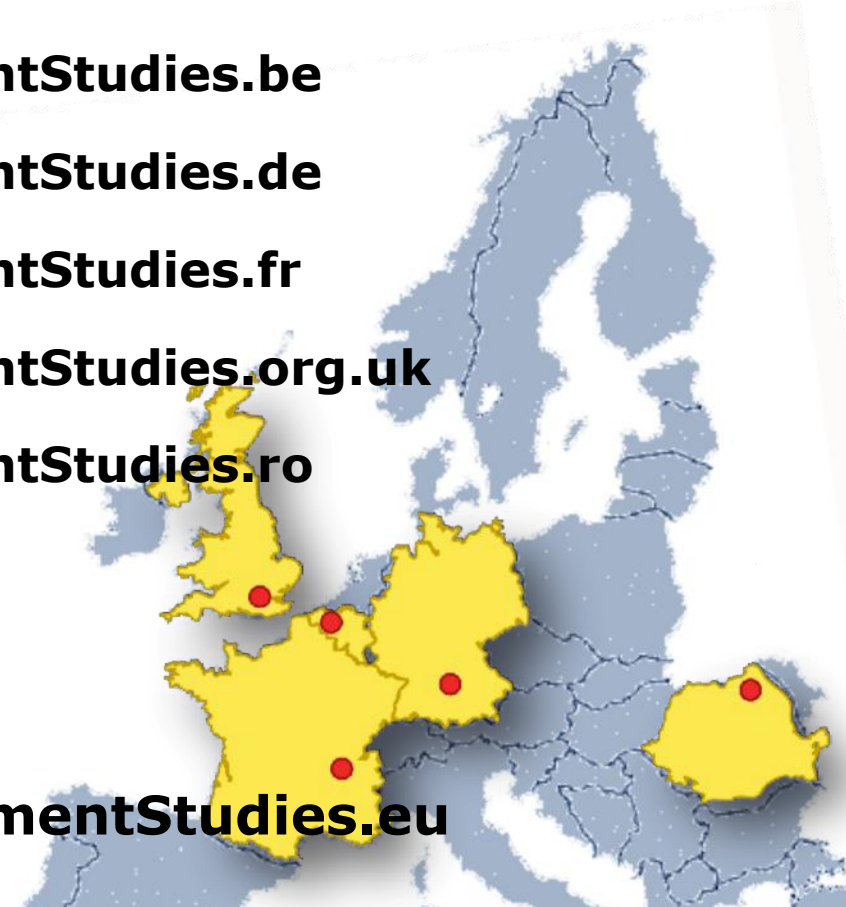
<http://TechnologyManagementStudies.org.uk>



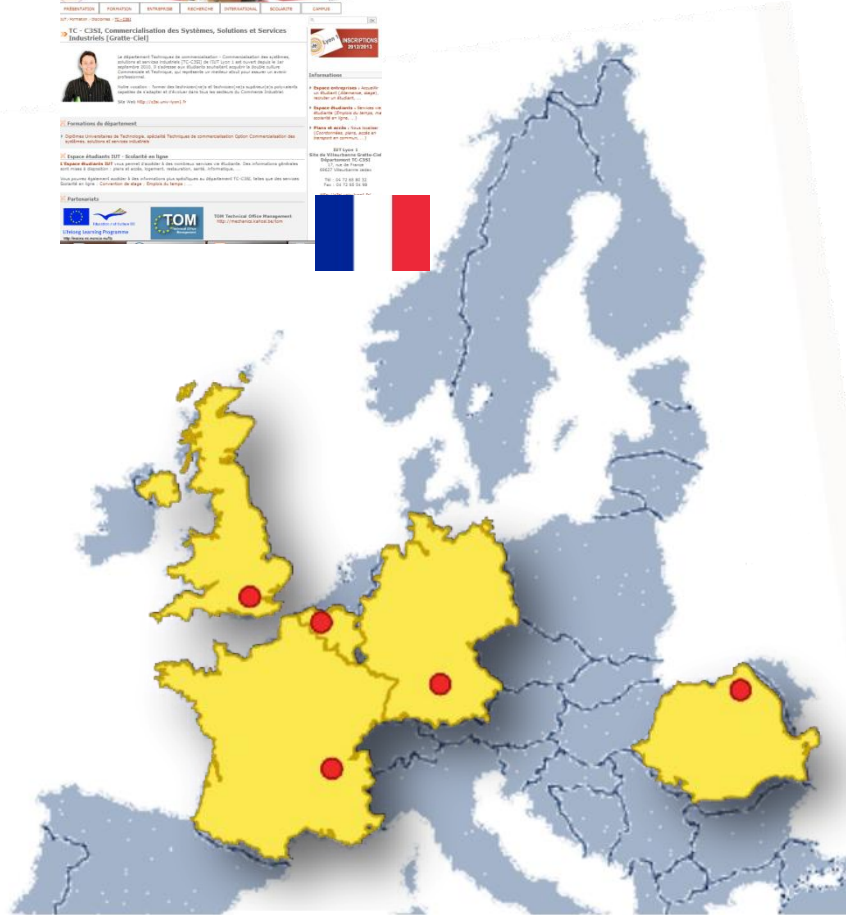
<http://TechnologyManagementStudies.ro>



<http://TechnologyManagementStudies.eu>



Project partners websites



http://technologymanagementstudies.eu
 http://technologymanagementstudies.ro

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More information

- For more more country specific information use these icons from the Project partners websites



- To EU website



- Engineering and management info



- Curriculum



- Prerequisites



- Practical info

○ Introducing to Engineering and Management

Engineering and Management

- *"An international bachelor training programme teaching technical, mechanical as well as commercial, business and management skills".*
- The training will enclose 240 credits of witch 30 credits will be interchangeable.
- These 30 credits will be organized in Project partners Institutes

Engineering and Management

- Professional competences:
 - Performing calculations, demonstrations and applications to solve specific engineering and management tasks, based on knowledge of fundamental and engineering sciences
 - Developing and interpreting technical, economic and managerial documentation
 - Developing, controlling and putting into service of products, equipment and mechanical system
 - Use of mechanical products, equipment and systems
 - Designing, implementing and improving management systems
 - Organization management and resource management

Engineering and Management

○ Jobs:

- Procurement
- Acquisition or selling of technical projects
- Project coordination
- Project budget preparation
- Production manager
- Mechanical inspector
- Quality coordinator
- Maintenance planner

➤ “Ștefan cel Mare” University of
Suceava

➤ Faculty of Mechanical Engineering
Mecatronics and Management



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○ "Ștefan cel Mare" University of Suceava



www.usv.ro

“Ștefan cel Mare” University of Suceava

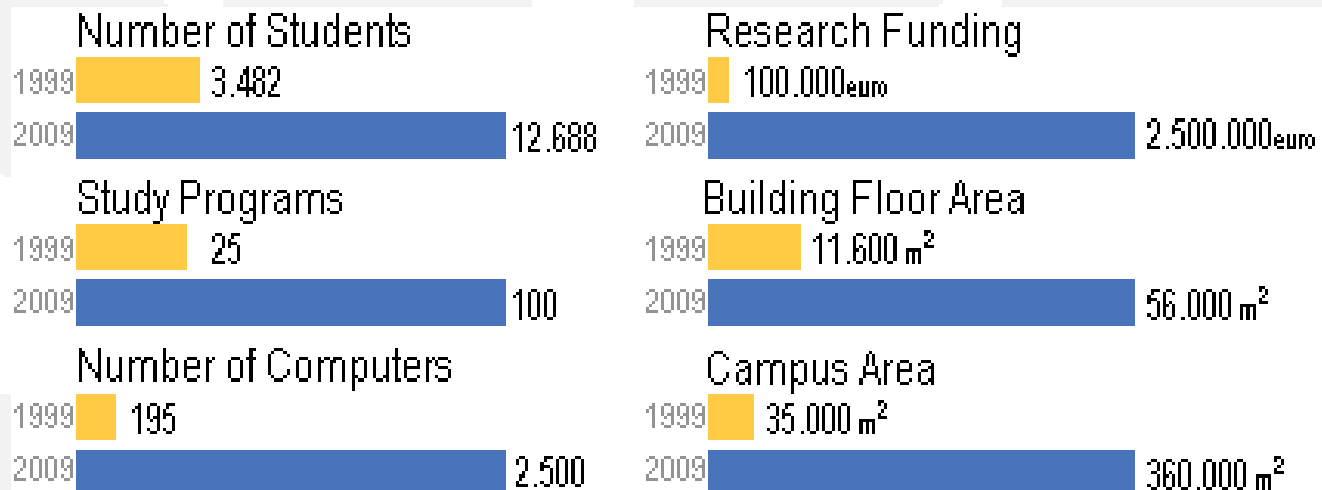
- Ștefan cel Mare University of Suceava (USV) is one of the most dynamic universities in Eastern Europe, providing higher education of high quality standards at a relatively low cost.
- USV provides a comprehensive curriculum including more than 130 undergraduate, master, doctoral, post-doctoral and lifelong education programs of study.
- Located in the beautiful multicultural land of Bukovina, USV is surrounded by the greatest density of UNESCO monuments in Eastern Europe and numerous picturesque landscapes that offer students great opportunities for extracurricular activities.

“Ștefan cel Mare” University of Suceava

- Accredited university: ARACIS granted "High Confidence Certificat" to USV in 2008.
- Accredited as a national research and development institution by the National Authority for Scientific Research in 2009.
- Award for Multiculturalism from Ministry of Education, Research and Youth in 2007.
- Kienbaum Management Consultants International and Capital magazine's national survey rated USV as the fourth Romanian provider of higher education.

“Ștefan cel Mare” University of Suceava

○ Dynamics of USV development:



“Ștefan cel Mare” University of Suceava

- USV staff 2012 - 2013:
 - Teachers: over 400
 - Students: over 9000

“Ștefan cel Mare” University of Suceava

- Student Artistic Ensemble ARCANUL



- Radio USV

- Sport Club “Universitatea Suceava”



- Complex de natație și kineto terapie



- Research Electronic Resource





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➤ Why study Engineering and
Managementat “Ștefan cel Mare”
University of Suceava?

Faculty of Mechanical Engineering Mecatronics and Management



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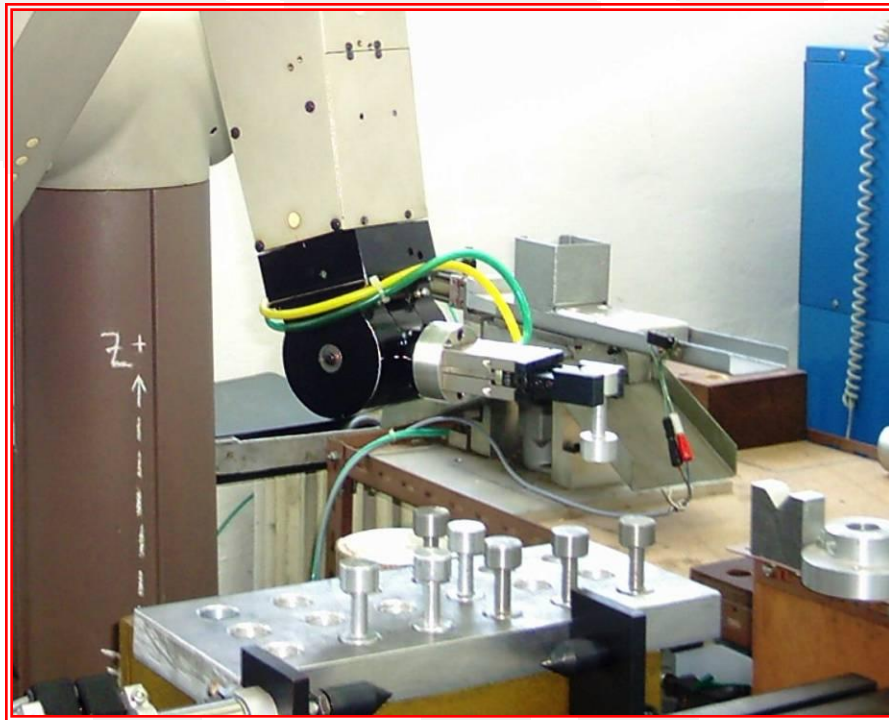
Collaboration with Romanian universities

- Politehnica University of Bucharest;
- "Gheorghe Asachi" University of Iași;
- "Dunărea de Jos" University of Galați;
- Tehnical University of Cluj-Napoca;
- "Transilvania" University of Brașov;
- "Politehnica" University of Timișoara;
- "Lucian Blaga" University of Sibiu;
- University of Craiova;
- "Ovidius" University of Constanta;

Collaboration with foreign universities

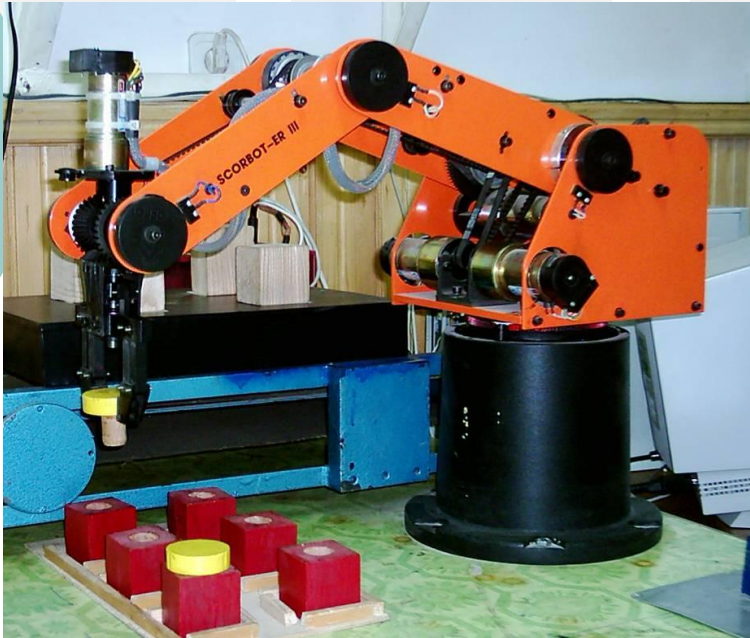
- Université « Claude Bernard » din Lyon, Franța;
- NSA Lyon, Franța;
- Katholieke Hogeschool « Sint Lieven » Gent, Belgia;
- Instituto Superior Tecnico, Lisabona, Portugalia;
- Université d'Etat de Liège, Belgia;
- University of Applied Sciences Augsburg, Germania;
- Univeridade Nova din Lisabona, Portugalia;
- Katholieke Universiteit Leuven, Belgia;
- AGH University of Science and Technology, Cracovia, Polonia;
- University of Applied Sciences, Aalen , Germania;
- Technological Education Institute of Kavala, Grecia;
- Universitatea Tehnica din Chișinău, Rep. Moldova;
- State Technical University Vinnitsa, Ukraine

Robotics Laboratory

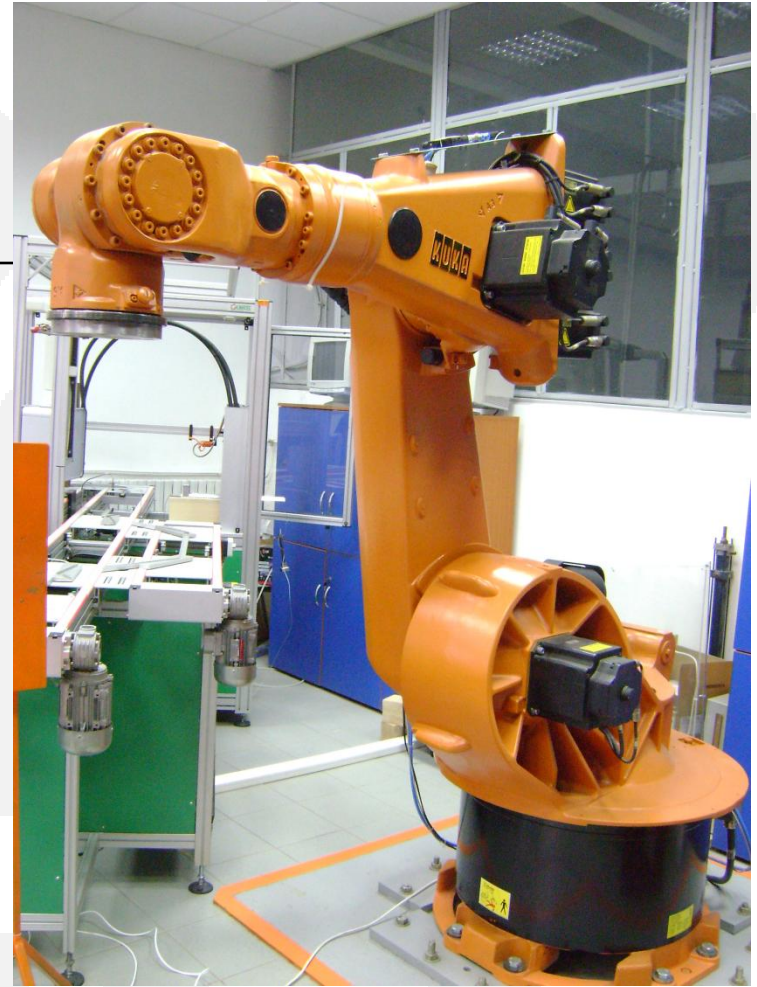


PUMA 500 ROBOT

Robotics Laboratory



**SCORBOT-ER III
ROBOT**



KUKA ROBOT

Robotics Laboratory

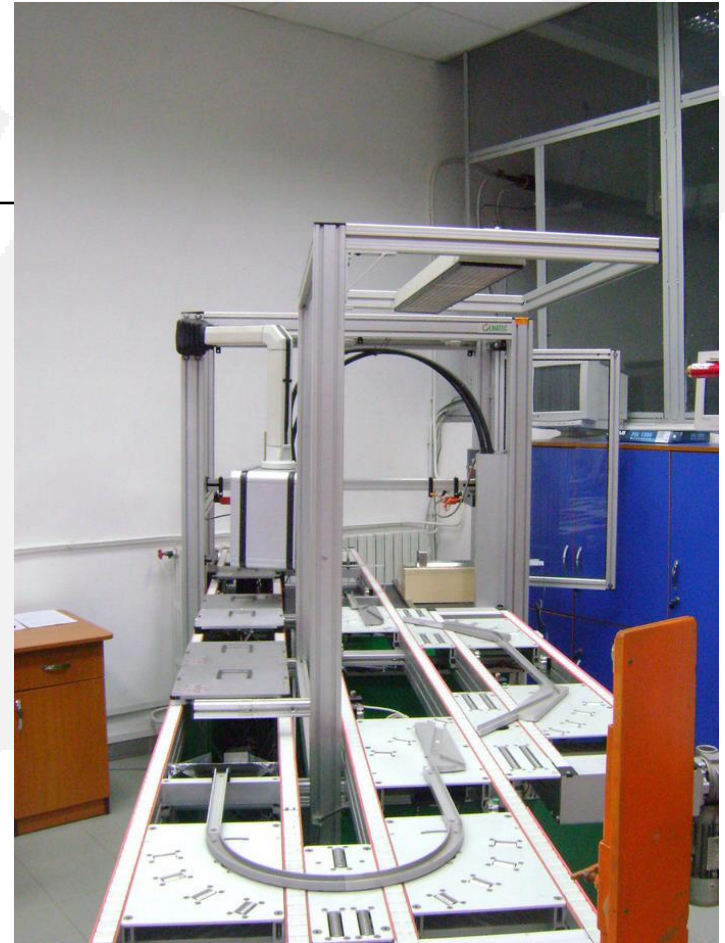


KUKA ROBOT

Robotics Laboratory



**DENSO
ROBOT**



CONVEIOR

Robotics Laboratory



Robotics Laboratory



Machine Manufacturing Technologies



VICTOR CNC machine

Hydro pneumatic actuators laboratory

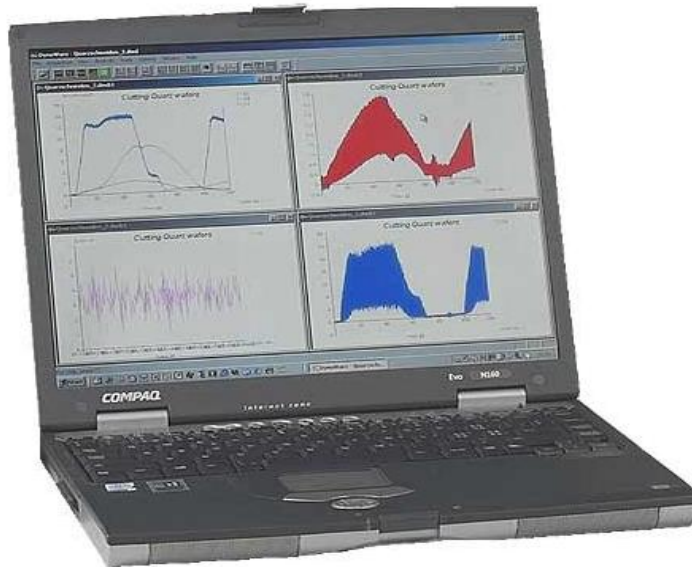


Performance Technologies Laboratory



Roughness tester Mahr 2

Performance Technologies Laboratory



Dynamometer KISTLER

Performance Technologies Laboratory

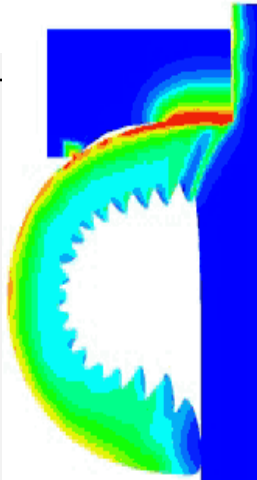
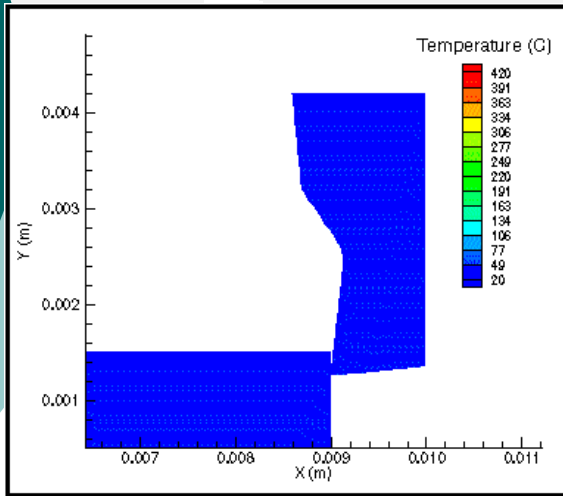


Digimar CX2

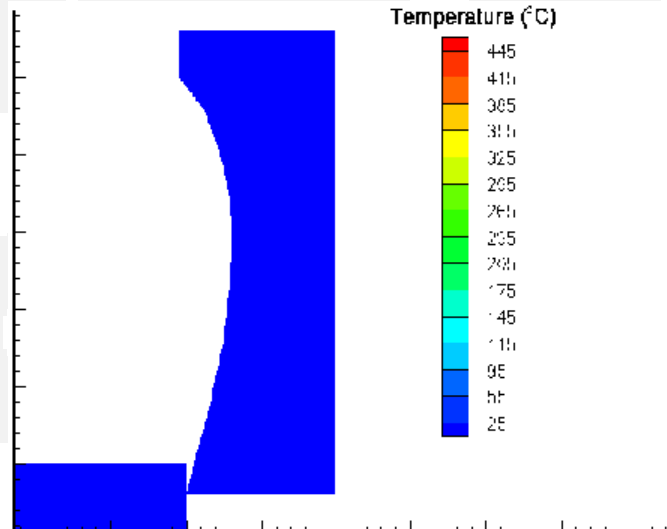
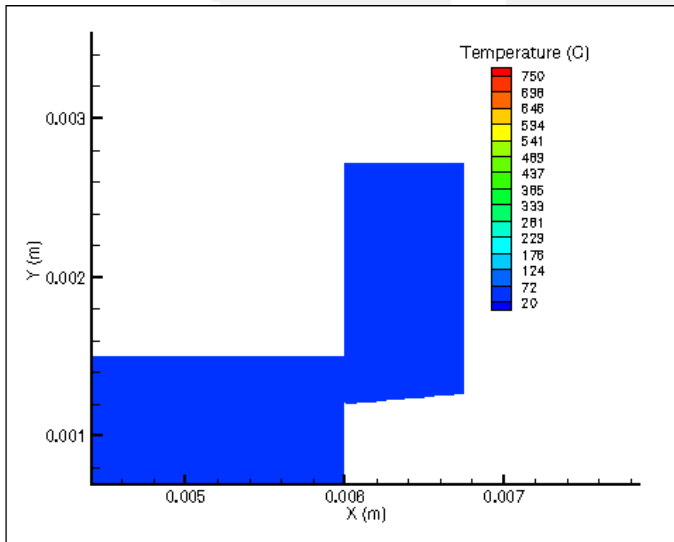
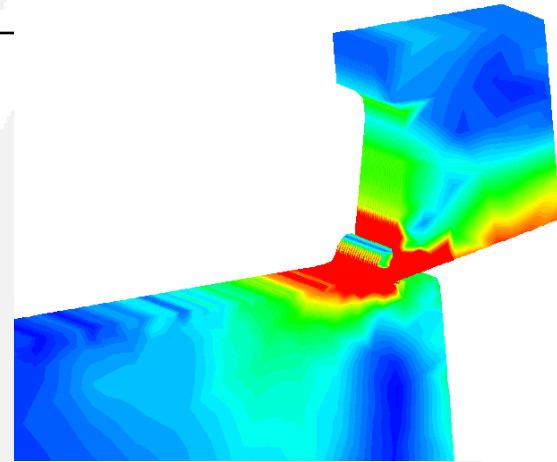
You will learn

- Computer aided design : CAD-CAM, Catia, Solid Works, Inventor, Solid Edge, AutoCAD;
- FEM analysis : Catia, Cosmos, Nastran, Ansys;
- Numerical analysis: MathCAD, Matlab, Maple, Mathematica.

CUTTING PROCESS ANALYSIS



Al 6061-T6
Mises Stress



Studying at USV

- Double degrees

