



**CITY UNIVERSITY
LONDON**

Global European
Product
Realization

European **G**lobal **P**roduct **R**ealisation

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www. <http://www.staff.city.ac.uk/~ra600/ETM062/Misc/EGPR-Introduction.pdf>

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The University for business
and the professions

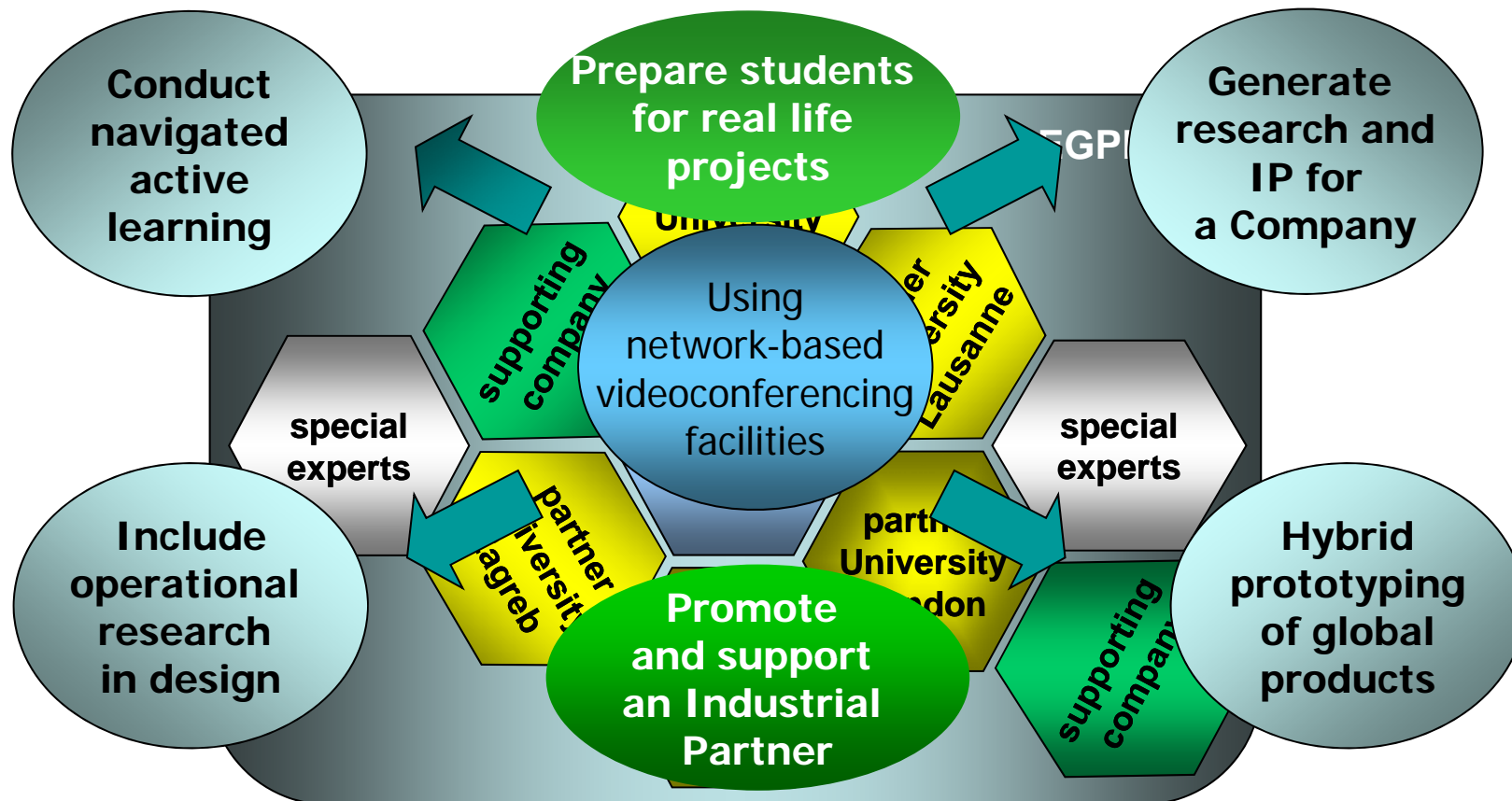
Agenda

- About the EGPR course
- Case Studies
- Opportunities for CUL students



International design course **European Global Product Realisation**

The Academic Virtual Enterprise – European alliance of the industrial partner and academic institutions for mutual advantages.





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London:  CITY UNIVERSITY
LONDON

Mechanical Engineering
Energy and Environment
Aeronautical Engineering
Electrical Engineering
Computer sciences

Delft:  TU Delft
Industrial Design
Business and Marketing
Mechanical Engineering



 **Kesslers International Ltd**
Merchandising Display Communications


Lausanne: 
Micro engineering
Communication systems
Computer sciences

The Netherlands


Switzerland

Slovenia

Croatia

Budapest: 
Mechanical Engineering
Industrial Design

Ljubljana: 
Mechanical Engineering

Zagreb: 
Mechanical Engineering
and Naval Architecture

International groups – formed of couples from each University

Learning





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Collaboration

The University for business
and the professions





Activities & Milestones

- Preparatory EGPR Project (mid October to Mid December – 10 weeks)
- Research and Conceptual design (Novel fencing system for Jackson Fences)
 - Main EGPR Project Start (mid February)
- Problem Definition Phase: Lectures, Research, Group management
 - 1st Project Review (mid March)
Market Research & Product Feasibility
- Conceptualisation & Preliminary Design: Propose and analyse at least 3 concepts
 - 2nd Project Review (mid April)
Conceptualization
- Detailed Design & Optimisation: By or Manufacture policy, Detailed documentation
 - 3rd Project Review (mid May)
Realisation
- Build a Prototype
 - Final Workshop (1st week in June)

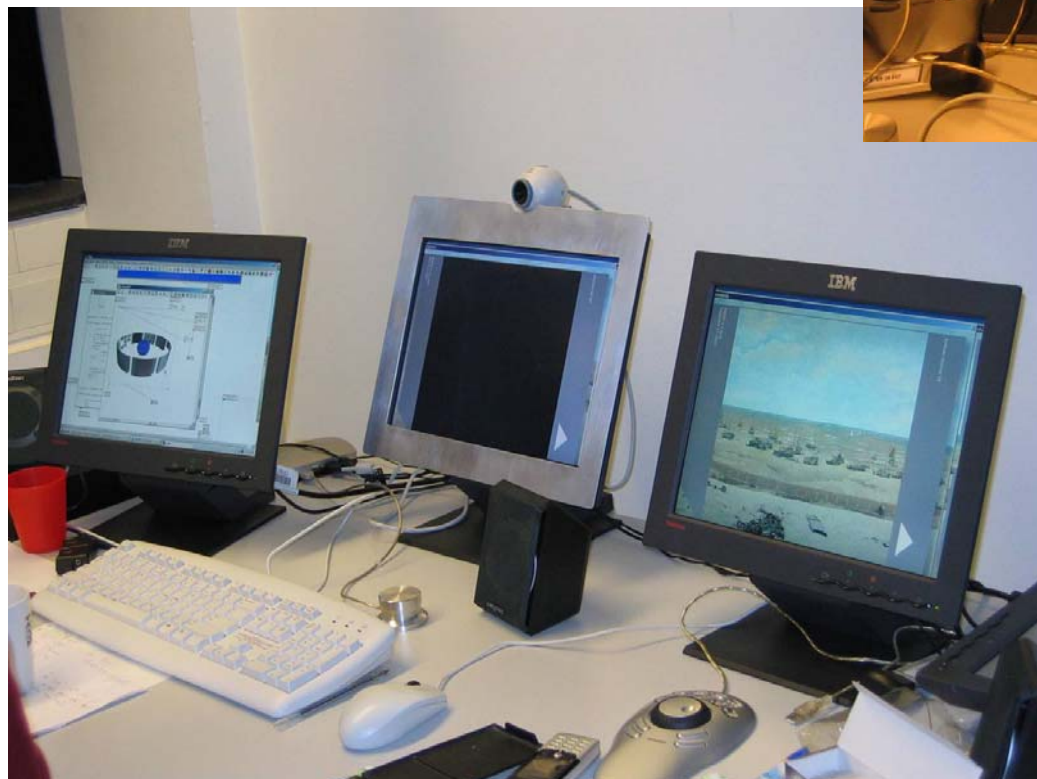


EGPR 2003 – Ljubljana Slovenia
Advanced welding masks



EGPR 2004 – Delft, Netherlands

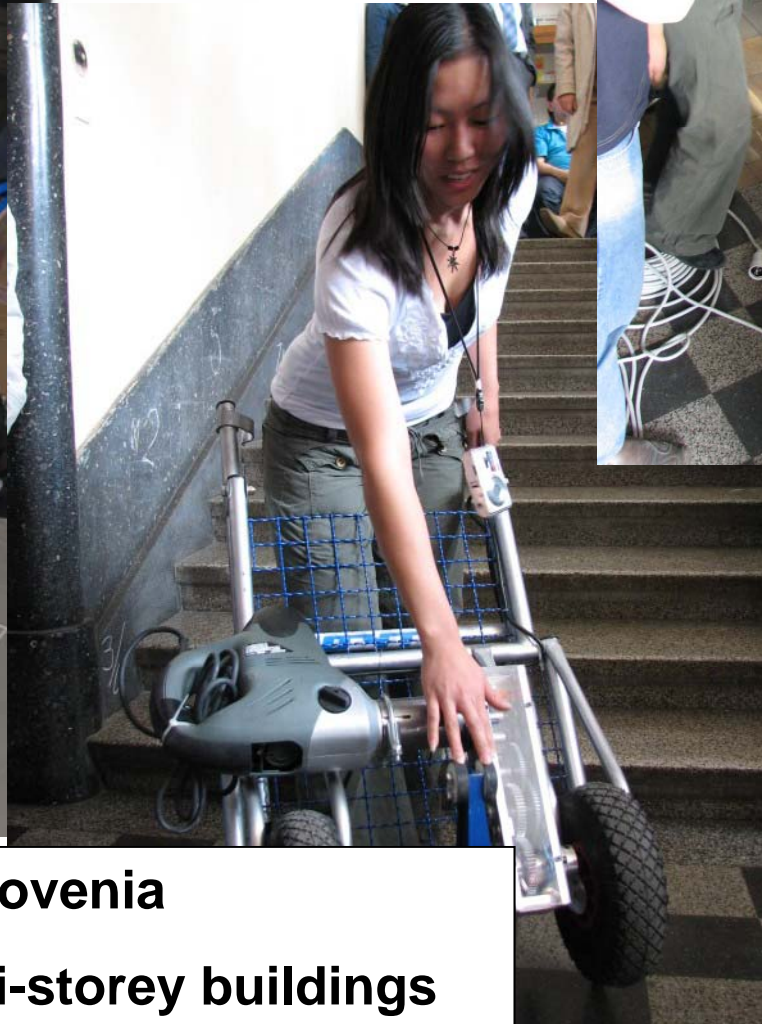
Remote control for electron microscope



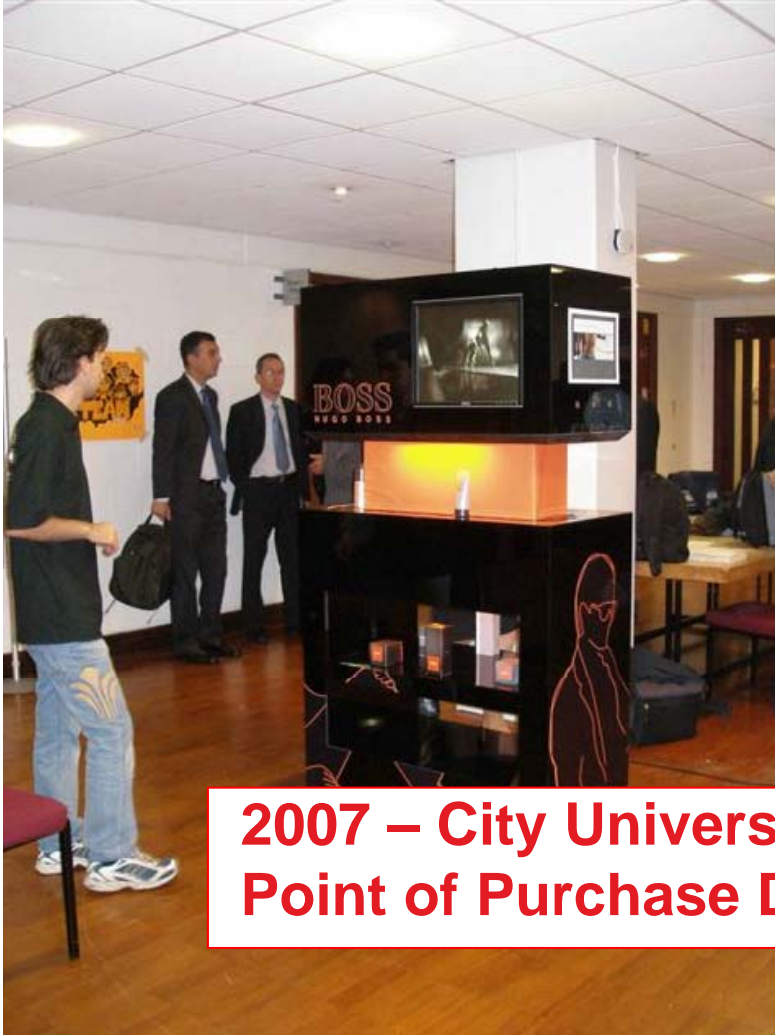


EGPR 2005 – Lausanne, Switzerland
Spraying systems for Swish wine yards





EGPR 2006 – Ljubljana, Slovenia
Transporting load in multi-storey buildings



**2007 – City University London
Point of Purchase Displays for BOSS products**

EGPR 2008 – Zagreb Croatia Mobile Eco House



Choose Phoenix because...

Phoenix is simple & easy to use

*

Brings together tested technologies

*

More efficient for both physician and patient:

Time

€€€€

Correctness

Satisfaction

*

Uncrowding the hospital waiting room

*

Increased knowledge in rehabilitation behaviour



Present



Phoenix

Developed by Team Sparks for EGPR 2009 course with collaboration from UMC Utrecht and Evalan.



- Marko Bek
- Marjolein Hartog
- Mohamed Hashi
- Matija Krajnc
- Laura Machado
- Blaz Razumic
- Marko Studin



very for

EGPR 2009 – Delft, Netherlands
Monitoring Postoperative treatment of Orthopaedic patients

Univerza v Ljubljani
 Budapest Műszaki és Gazdaságtudományi Egyetem
 Sveučiliste u Zagrebu
 Ecole Polytechnique Fédérale de Lausanne

Healing your pain in a unique way



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Opportunities for CUL students

- EGPR – project in collaboration with a global company - Howden Compressors from Glasgow
- *Obtaining holistic knowledge on engineering design – get ready for your Engineering Employment*
- *Make a product which may be used in industry*
- *Make new friends*
- *Write a conference paper*
- *Final Workshop in Glasgow and London*

CITY

City University London

United Kingdom

TU Delft

Delft University of Technology

The Netherlands



University of Zagreb

Croatia



University of Ljubljana

Slovenia



Lausanne Federal Institute of Technology

Switzerland

Company -
Howden Compressors

Global European Product Realization

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