



# INNOVATIONS

IN FOREST INDUSTRY  
AND ENGINEERING DESIGN

Organized by Faculty of Forest Industry



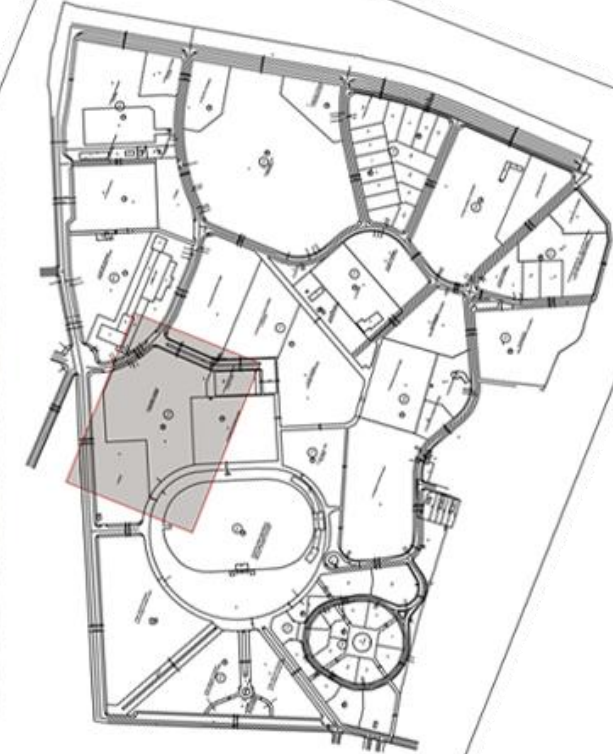
# UNIVERSAL DESIGN

SOCIAL, PEDAGOGICAL AND MANAGERIAL  
CHALLENGE

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Vitosha Park Hotel  
Sofia, 1-3 October 2020

<http://inno.ltu.bg>



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## ACHIEVED SIGNIFICANT EFFECTS



1. Creating a space adequate for joint activities of different generations;
2. Mastering knowledge through a sense of happiness and success;
3. Bringing contact between children and parents;
4. Creating conditions for increasing the time that parents spend with their children;
5. Assimilation of competitive spirit and striving for improvement through play;
6. Focusing a child's attention for a long time;
7. Stimulating the child's fine motor skills in a fun way, which stimulates the ability to concentrate;
8. Presentation of a new model for rehabilitation (the traffic-safety platform itself) for both children and adults;
9. Giving importance to projects created by children
10. And many others.



## DEFINITION



**By universal design is meant designing or accommodating the main solution as regards to physical conditions so that it can be used by as many people as possible.**

*Norwegian Anti-discrimination and Accessibility Act*



UNIVERSAL DESIGN FOCUSES ON ALL PEOPLE



the scientific elite  
could contribute a lot to the  
nuances that Universal Design  
carries within itself



## EMPHASIZING HUMANS AND PERSONALITY



Universal design is needed in the practice of our daily lives exactly in order to create conditions to emphasize the individuality of each of us.

**To each wonderful new initiative.**

In today's age of endless globalization, we increasingly need to be seen as individuals.



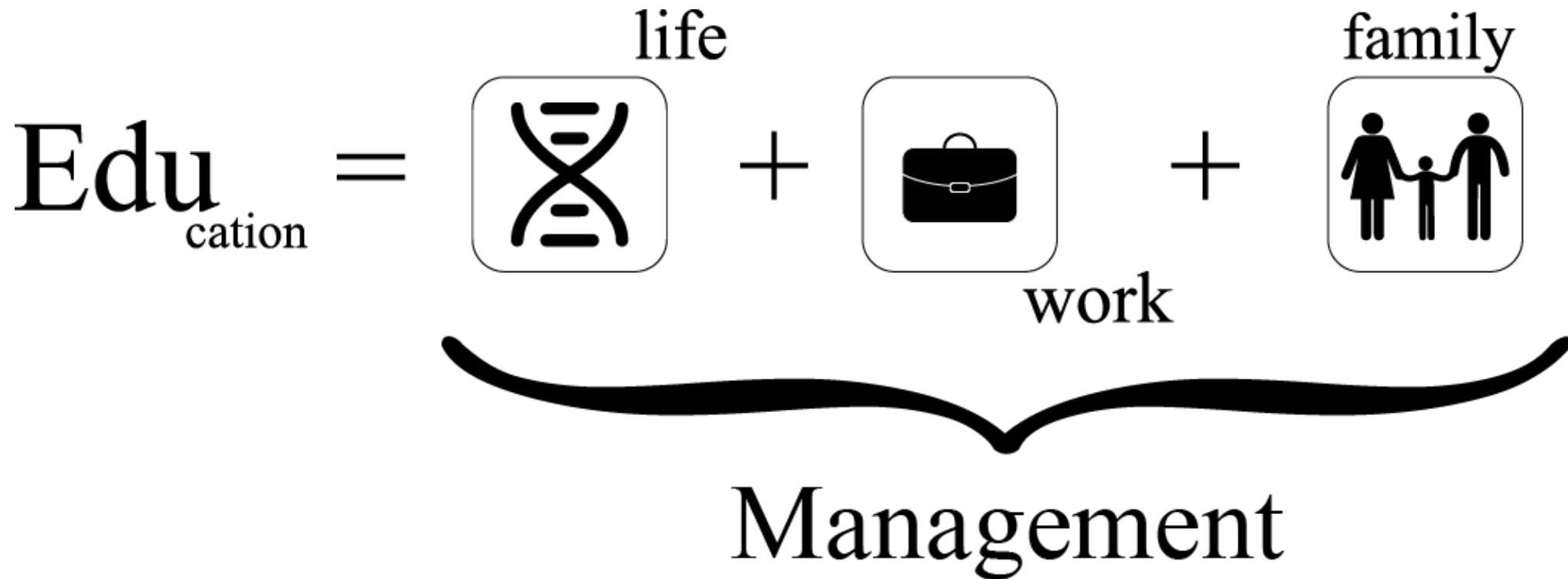
# PRINCIPLES OF UNIVERSAL DESIGN FOR INSTRUCTION



1. Equitable use
2. Flexibility in use
3. Simple and intuitive
4. Perceptible information
5. Tolerance for error
6. Low physical effort
7. Size and space for approach and use
8. A community of learners
9. Instructional climate

Universal Design provides a framework to ensure that all students have the opportunity to fulfil their educational potential

*University College Dublin, Ireland*







Universal design thinking **does not necessarily entail** the establishment of new work **procedures**, but **requires broad participation**



**minimizing** restrictions  
is  
**maximizing** social well-being  
in the modern world



Being a participant in a modern society demands the vision of a society in which **everyone can take part on equal terms**, together with the understanding of human diversity based on which taking part is always being different.

It **enforces** and **empowers everyone** to play a **full** role in society.



THANK YOU FOR YOUR ATTENTION!



... fly inspirationally above...

universal design is the  
natural way things happen  
for everyone

ophelia.live