## МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ КАФЕДРА ІНОЗЕМНИХ МОВ ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР

## МАТЕРІАЛИ ІХ МІЖВУЗІВСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ КАФЕДРИ ІНОЗЕМНИХ МОВ

## "TO MAKE THE WORLD SMARTER AND SAFER"

(Суми, 26 березня 2015 року)
The nineth scientific practical student's, postgraduate's and teacher's LSNC conference

## TO MAKE THE WORLD SMARTER AND SAFER

V.O. Lisachenko – Sumy State University, group IT-31 D. O. Marchenko – E L Adviser

Nowadays, technologies play more important role than every time before. They are everywhere: in our schools, universities, big and small companies, outdoors and even in our houses.

There are hundreds of fantastic books about the house of the future. Today the dream of science fiction "Smart House" is becoming a reality. The main characteristics of the house are comfort, functionality and energy efficiency. The principle of operation of the "Smart House" technology is based on decentralized intelligence, which doesn't require a central computer. In this system each part has its own intelligence. It improves the reliability of the system.

There are many scripts to control the light. You can choose "romantic dinner", "home theater", "party", etc.

"Smart House" provides security of your house, both from outside invasion, and from accidents inside the house. All opening sensors are connected with each other and your control device.

Surveillance cameras allow you to control the situation in your house. You can see what happens in the house all the time. Even if you are away from your house, you can see the guest, call intercom system, and even let him in.

"Smart House" makes you feel comfortable even if you are out. When the house is empty, heating goes into economy mode. And if you are inside the house suitable temperature and wetness are set in it automatically.

"Multiroom" will allow each room to have its own music. The system control is available by a multi-tablet or a phone.

"Smart House" waters your garden not letting the plants dry out. Gardening can be fully automatic and does not require your participation.

This house is just a little part of our high-tech world, which consists of a great number of such technologies. These important inventions can improve people's lives and make our world smarter and safer.