

# RECENT BULGARIAN ACADEMIC STUDIES ON INTERACTIVE ENTERTAINMENT



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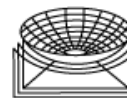
**BULGARIAN ACADEMY OF SCIENCES**



Paris, France

IFIP, TC14 Meeting

3 May, 2013



[www.snfactor.com](http://www.snfactor.com)

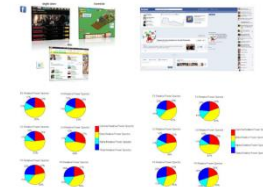
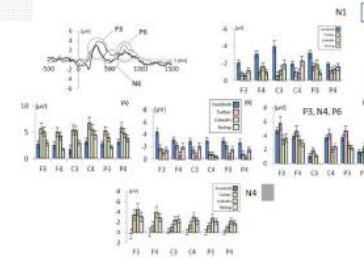
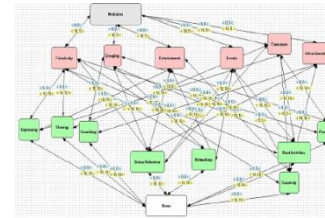
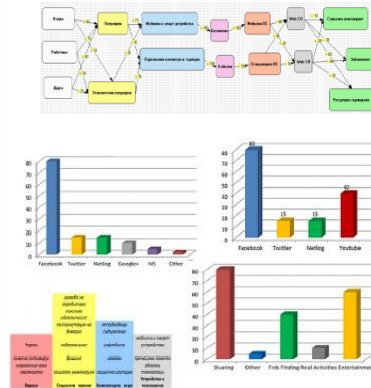


[www.smarthomesbg.com](http://www.smarthomesbg.com)



[www.syssec-project.eu](http://www.syssec-project.eu)

# DMU 03/22 FIRST YEAR RESULTS



## DFNI T01/4 SMART DEVICES Q-BASED SURVEY

NUMBER OF PARTICIPANTS: 57 PEOPLE;

17 - 40 YEARS; 70 % - MEN; 30 % - WOMEN

**ВЪПРОСНИК ЗА ПОТРЕБИТЕЛСКА ОЦЕНКА НА КИБЕРЗАПЛАХИТЕ В ИНТЕЛИГЕНТНИТЕ ДОМОВЕ**  
Submitted by zlatigor on Tue, 03/26/2013 - 14:09

1. КАКЪВ Е ВАШИЯТ ПОЛ:

☐ МЪЖСКИ  
☐ ЖЕНСКИ

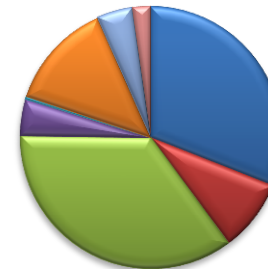
2. КАКВА Е ВАШАТА ВЪЗРАСТ: [ ] (години)

3. КАКИ ИНТЕЛИГЕНТНИ УСТРОЙСТВА ИЗПОЛЗВАТЕ ВЪВ ВАШЕТО ЕЖЕДНЕВИЕ:

☐ СМАРТФОН  
☐ ТАБЛЕТ  
☐ ПРЕНОСНИМ КОМПЮТЪР  
☐ СМАРТ ТЕЛЕВИЗОР  
☐ РОБОТ- КОМПАНИОН  
☐ АВТОМАТИЗИРАНИ БИТОВИ СИСТЕМИ  
☐ ИГРОВИ КОНЗОЛИ  
☐ ДРУГИ

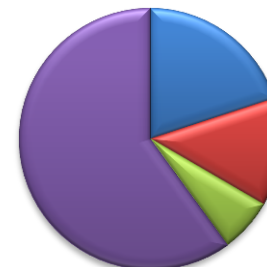
В ГРАФАТА АВТОМАТИЗИРАНИ БИТОВИ СИСТЕМИ СЕ ВКЛЮЧАВАТ: КУХИНСКО ОБОРУДВАНЕ, СИСТЕМИ ЗА ПОЧИСТВАНЕ, СИСТЕМИ ЗА ОТОПЛЕНИЕ, АЛАРМНИ СИСТЕМИ, СИСТЕМИ ЗА ОСВЕТЛЕНИЕ, СИСТЕМИ ЗА ОТЧИТАНЕ НА КОНСУМАЦИЯ, СИСТЕМИ ЗА РАЗПЛАЩАНЕ

TYPE OF USED SMART DEVICES:



- Smartphone - 70 %
- Tablet - 20 %
- Laptop - 80 %
- Smart TV - 10 %
- Robot companions - 1 %
- Home automation systems - 30 %
- Gaming Consoles - 10 %
- Other-5 %

ACTIVITY FOR USING SMART DEVICES:

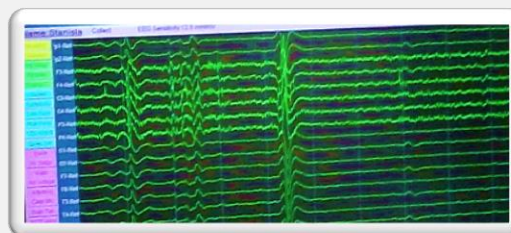
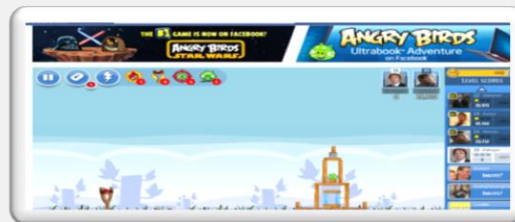


- Entertainment - 30 %
- Household support - 20 %
- Everyday work - 10 %
- Communications - 90 %

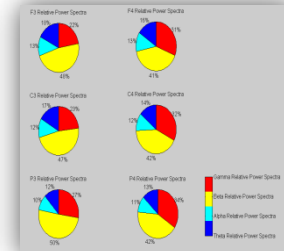
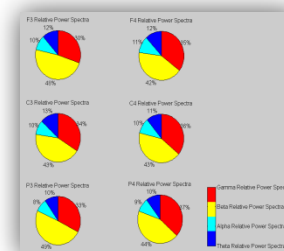




# HFA EEG/ECG GAMMING MONITORING & ANALYSIS

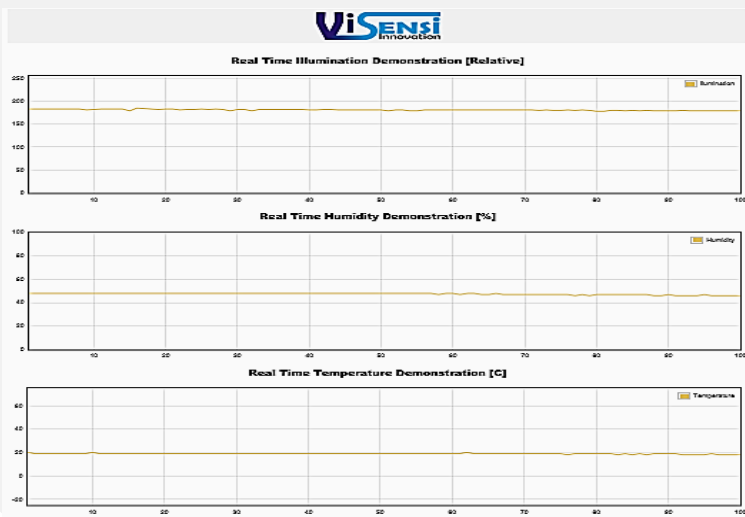


2d/3d Angry Birds 3 min record avg. PS



**More gamma frequencies in EEG at 2d vs 3d mode of the stimulation screen**

## SMART ROOM REAL-TIME MONITORING



- ☐ Illumination
- ☐ Humidity
- ☐ Temperature
- ...



**BIOFEEDBACK  
GAME DEVT & TRAINING**



**Serious Games - CAX**



**Thank you for the attention!**

**Questions?**