

Kaspersky® Academy

# CyberSecurity

for the Next Generation

International Student Conference

## ▶ Methodological approach to security awareness

Predrag Tasevski

Post-master studies in Security in Computer  
Systems and Communications

Eurecom, France



POLITECNICO  
DI MILANO

# OUTLINE

1. PROBLEM STATEMENT &  
RELATED WORK
  - CURRENT AWARENESS  
LEVEL
2. METHODOLOGY
3. RESULTS
4. CONCLUSION

# PROBLEM STATEMENT & RELATED WORK

- ▶ Last 20 years
- ▶ Numerous awareness programs
- ▶ Human factor
- ▶ Few questionnaires

# METHODOLOGY

- ▶ TARGET GROUPS
- ▶ PRELIMINARY GRADING
- ▶ SUGGESTIONS - ADVISOR
- ▶ APPLYING THE SYLLABUS

# TARGET GROUPS

## BASIC

PHYSICAL SECURITY  
COMPUTER & MOBILE  
NETWORK &  
INTERNET

FURTHER  
IMPROVEMENT

## ADVANCED

ATTACKING PHASES  
ATTACKING METHODS  
APT

FURTHER  
IMPROVEMENT

## MANAGEMENT

DECISION MAKING  
PROCESS  
PDCA  
OODA

FURTHER  
IMPROVEMENT

# RESULTS

**N ≈ 1.000**

**Age:** 11 – 63 years

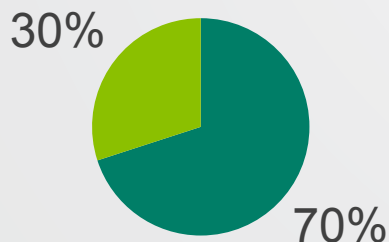
Universities

Schools

Private &

Public Organizations

■ Male ■ Female



# RESULTS – PARTICIPANTS

**N ≈ 1.000**

**Age:** 11 – 63 years

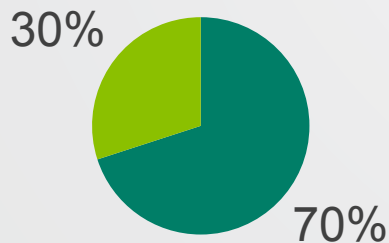
Universities

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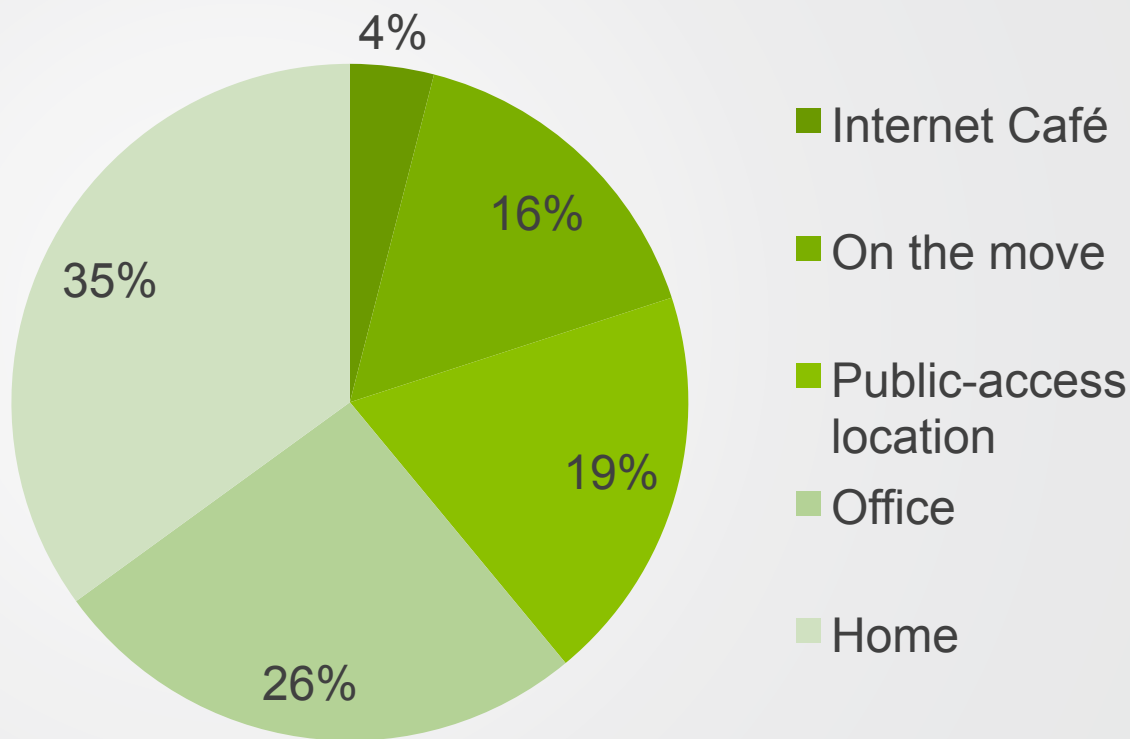
Private &

Public Organizations

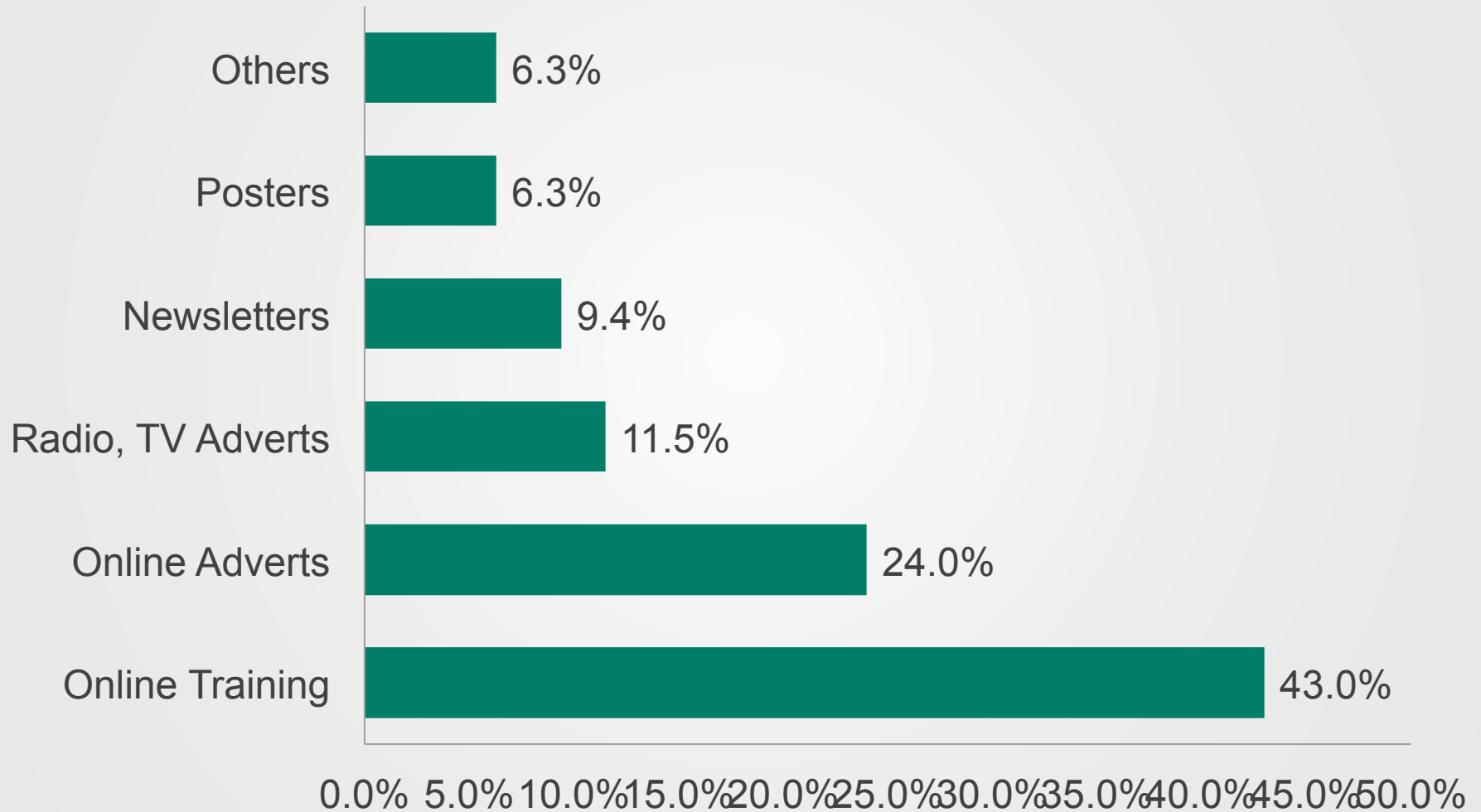
■ Male ■ Female



## Usage of computer

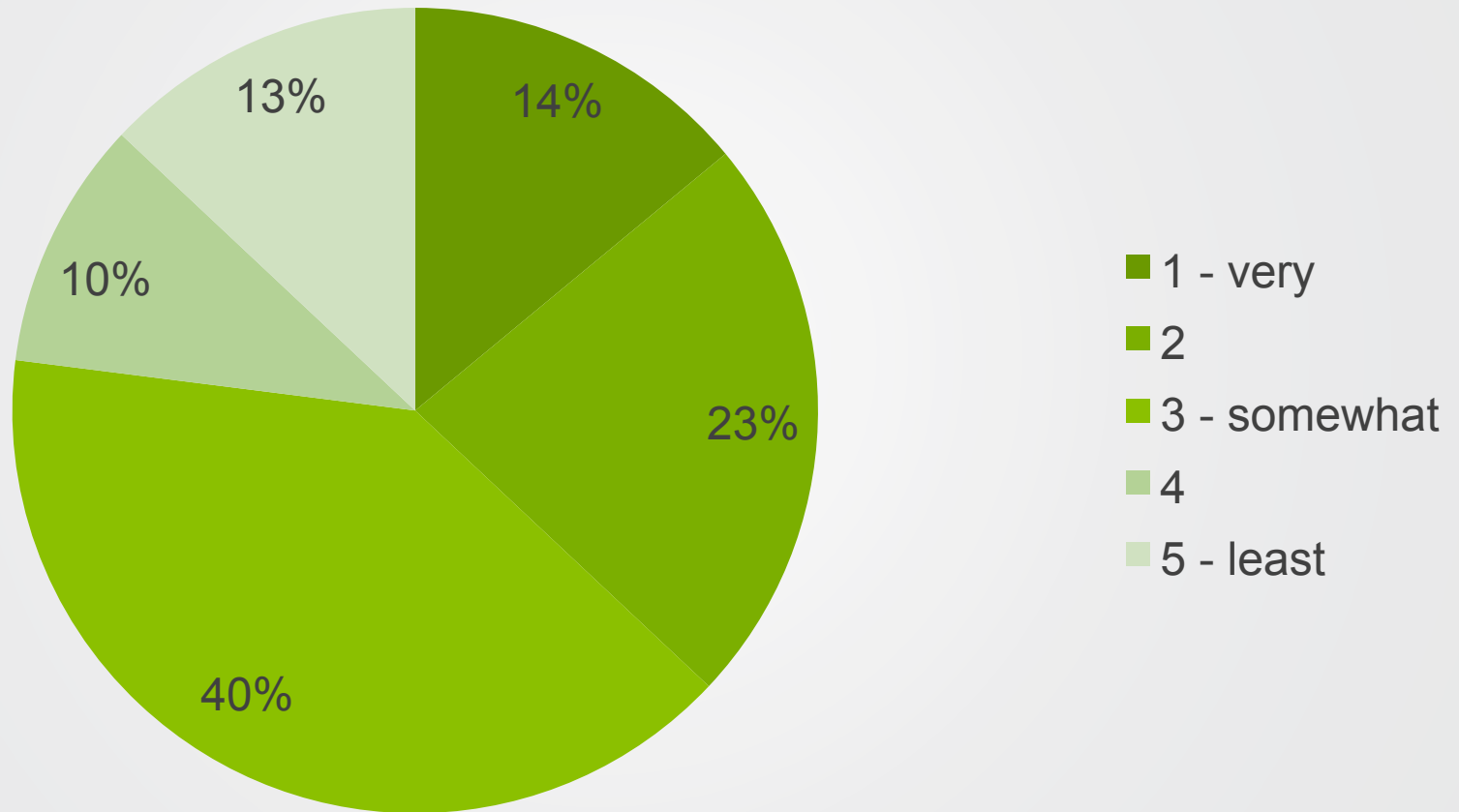


# CHANNELS PROVIDING INFO ON IT. SECURITY

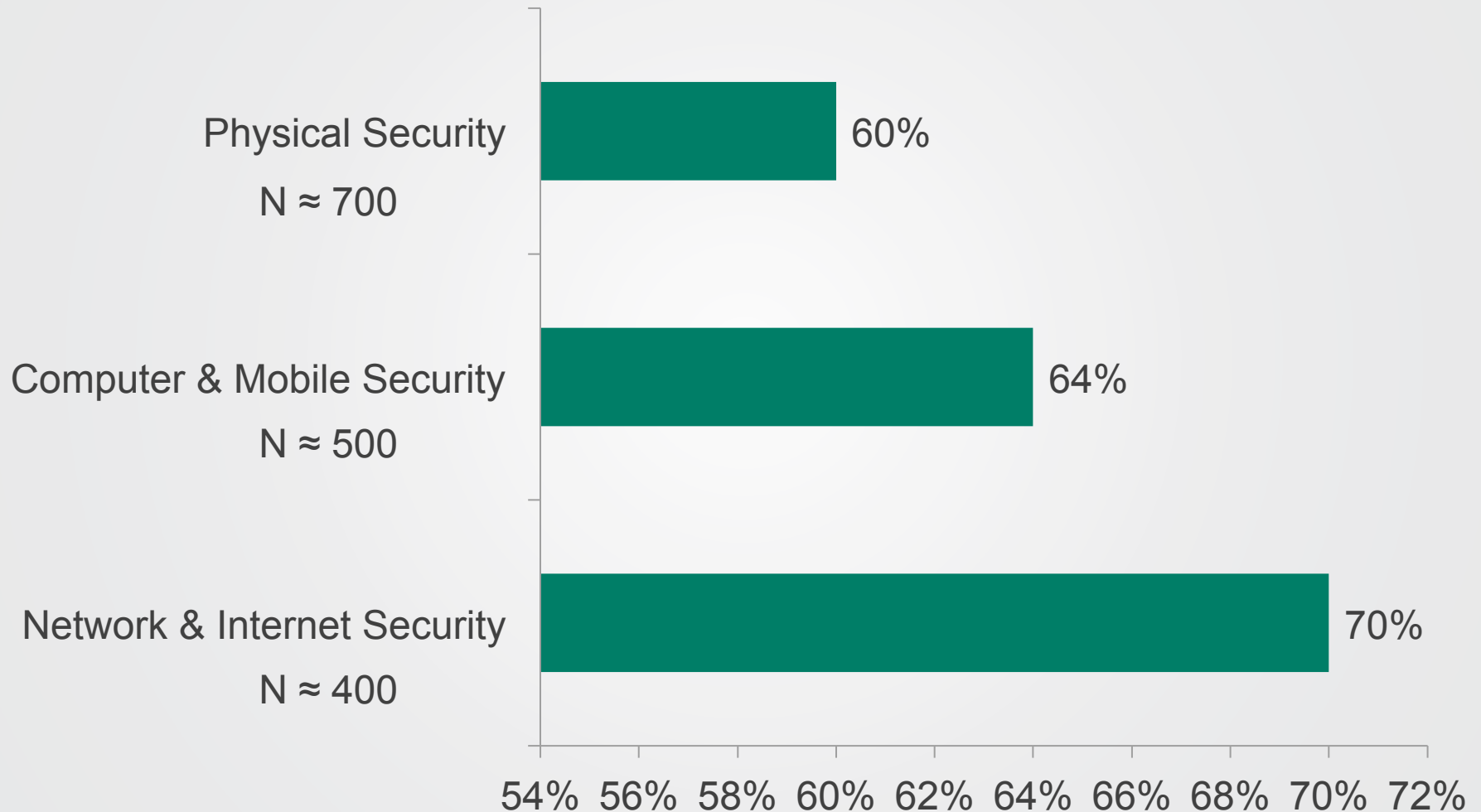




# KNOWLEDGEABLE PROTECTION OF IT ASSETS



# AVERAGE % SCORE GAINED BY MODULES



# CONCLUSION

## METHODOLOGY

TARGET GROUPS  
KNOWLEDGE  
INCREASE  
SUGGEST  
IMPROVEMENT

## RESULTS

CURRENT AWARENESS  
LEVEL  
NEXT STEPS

## IMPLEMENTATION

PRIVATE  
PUBLIC  
MILITARY  
SCHOOL  
NATIONAL

## FUTURE WORKS

POLICY &  
LEGAL ASPECTS



THANK YOU

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