

Title : “Statistical Analysis and Scientific Research Methods”

**Organizing:**

Laboratory of New Technologies and Distance learning, University of Ioannina, Greece  
[www.uoi.gr](http://www.uoi.gr), [ecedu.uoi.gr](http://ecedu.uoi.gr)

**In cooperation with:**

Laboratory of applied political research, Aristotle University of Thessaloniki, Greece.  
[www.polres.gr/](http://www.polres.gr/)

Laboratory of the educational Approaches to Virtual reality Technologies, University of Ioannina, Greece [www.uoi.gr](http://www.uoi.gr), <http://earthlab.uoi.gr>

**With the support of**

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## Program

### Tuesday, August 16, 2016

08:00 – 10:00	Arrivals registration
10:00 – 13:00	Welcome addresses <b>A. Papaspirou</b> Mayor of Konitsa <b>A. Mikropoulos</b> , Professor Dean of School of Education University of Ioannina Greece <b>M. Sakallariou</b> , Professor, Head of Dept of Early Childhood Education University of Ioannina, Greece Welcome ceremony  «Analyzing Data, Strengths and limitations» Keynote speaker <b>Andrei Podolski</b> <i>Professor, Dept. of Ecology</i> <i>Dept. of Foreign Languages &amp; Professional Communication</i> <i>Yuri Gagarin State Technical University of Saratov, Russia</i>
13:00 – 15:00	lunch
16:00 – 18:00	Descriptive statistics <b>Jenny Pange</b> Professor, University of Ioannina, Gr
18:00-19:00	Lab “Descriptive statistics and statistical packages” <b>Ilias Kevork</b> Ass. Professor, University of Thessaly, Gr

### Wednesday, August 17, 2016

09:00 – 11:00	Introduction to non-parametric statistics <b>Jenny Pange</b> Professor, University of Ioannina Gr
11:00 – 13:00	Introduction To research methodology <b>Apostolos Gamas</b> Ass. Professor, HEI of Vella, Gr
13:00 – 15:00	lunch
16:00 – 18:00	Lab «The power of Data» <b>Andrei Podolski</b> Professor, Dept. of Ecology Dept. of Foreign Languages & Professional Communication Yuri Gagarin State Technical University of Saratov, Russia

### Thursday, August 18, 2016

09:00 – 11:00	Hypothesis Testing <b>Ilias Kevork</b> Ass. Professor, University of Thessaly, Gr
11:00 – 13:00	Lab « Hypothesis testing » <b>Jenny Pange</b> Professor, University of Ioannina Gr
13:00 – 15:00	Lunch

### Friday, August 19, 2016

09:00 – 11:00	Correlation-regression <b>Ilias Kevork</b> Ass. Professor, University of Thessaly, Gr
10:00 – 13:00	lab «correlation-regression, case studies» <b>Iurii Lobachev,</b> Ass. Professor, Yuri Gagarin State Technical University of Saratov, Russia
13:00 – 15:00	lunch

### Saturday, August 20, 2016

09:00 – 11:00	Research Designs: Data collection, questionnaire <b>Theodoros Chadjipantelis</b> Professor, Aristotle University of Thessaloniki, Gr
11:00 – 13:00	Lab «analysis of data of questionnaires»

**Theodoros Chadjipantelis**  
**Professor, Aristotle University of Thessaloniki, Gr**

13:00 – 15:00

lunch

### **Sunday, August 21, 2016**

11:00 – 12:00

Collecting research data

**Evi Toki,**  
**Asss. Professor, TEI of Epirus, Gr**

12:00 – 13:00

Lab «writing a research paper»

**Evangelos Evangelou**  
**Ass. Professor, University of Ioannina, Gr**

13:00 – 15:00

lunch

### **Monday, August 22, 2016**

09:00 – 11:00

Presentation of results of Labs

**Ilias Kevork**  
**Ass. Professor, University of Thessaly, Gr**

11:00 – 12:00

Presentation of assignments of participants in Summer School

**Andrei Podolski**  
**Professor, Dept. of Ecology**  
**Dept. of Foreign Languages & Professional Communication**  
**Yuri Gagarin State Technical University of Saratov, Russia**

12:00 – 13:00

Closing ceremony

13:00 – 15:00

lunch