

## Military Sciences & Management

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<b>1<sup>st</sup> Place</b>	COMPETENCY MODEL APPLIED TO THE PORTUGUESE AIR FORCE ACADEMY PRACTICAL STUDY FOR THE PILOTS COURSE <b>VASCO MONTEIRO, CARLOS PÁSCOA</b> <i>"Portuguese Air Force Academy", Sintra, Portugal</i>
<b>2<sup>nd</sup> Place</b>	INTRODUCTION TO CREW RESOURCE MANAGEMENT IN AVIATION <b>VIOREL ILUC</b> <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
<b>3<sup>rd</sup> Place</b>	"COUP D'ÉTAT" IN NATO <b>MARIA-MAGDALENA JINGA</b> <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
<b>3<sup>rd</sup> Place</b>	MANAGEMENT AND LEADERSHIP: TWO WAY OF DEALING WITH MODERN WORLD <b>NICOLAS BERTONCINI, FEDERICO IVALDI</b> <i>Italian Air Force Academy, Pozzuoli, Italy</i>

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## Weapons & Defense Technology

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<b>1<sup>st</sup> Place</b>	THE INFLUENCE OF VARIANCE OF BULLET WEIGHT TO MUZZLE VELOCITY <b>DOMINIK GARAI, PERUN PETER</b> <i>Armed Forces Academy of General. Milan Rastilav Stefánik, Slovakia</i>
<b>1<sup>st</sup> Place</b>	BALLISTIC PROTECTION OF AN INDIVIDUAL BASED ON NON-NEWTONIAN FLUIDS <b>STEPHANY RADOVAN</b> <i>Armed Forces Academy of General. Milan Rastilav Stefánik, Liptovský Mikuláš, Slovakia</i>
<b>2<sup>nd</sup> Place</b>	SPACE AS A CRUCIAL DEFENSE TECHNOLOGY TO EU'S COMMON SECURITY DEFENCE POLICY <b>CHRISTOS ANGELOPOULOS</b> <i>Hellenic Air Force Academy, Dekeleia, Greece</i>

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## *Communicating across Cultures*

### **Humanities & Social Sciences**

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- 1<sup>st</sup> Place** HANDLING BURNOUT: A STUDY REGARDING THE INFLUENCE OF JOB STRESSORS OVER MILITARY AND CIVILIAN PERSONNEL  
**ANDREI-MIHAI COȘA**  
*"Henri Coanda" Air Force Academy, Brasov, Romania*
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- 2<sup>nd</sup> Place** THE HUMAN MIND - THE ULTIMATE ENEMY OF THE FINANCIAL INVESTORS  
**OVIDIU STĂNICĂ**  
*"Henri Coanda" Air Force Academy, Brasov, Romania*
- 
- 2<sup>nd</sup> Place** THE RELATIONSHIP BETWEEN JOB SATISFACTION AND THE BIG FIVE PERSONALITY TRAITS  
**MIRELA DANIELA PETRE**  
*"Ovidius" University of Constanta, Romania*
- 
- 3<sup>rd</sup> Place** MILITARY OPERATIONS - WHAT'S IN A NAME?  
**EDUARD ONOFREI, VLAD-COSMIN SOFRONE**  
*"Mircea cel Batran" Naval Academy, Constanta, Romania*
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### **Fundamental Sciences & Engineering**

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- 1<sup>st</sup> Place** USING OF ARDUINO UNO DEVELOPING KIT INTO THE PROCESS OF DETERMINING THE ACCURACY AND RELIABILITY OF TEMPERATURE SENSORS  
**ALEXANDRU-IONUT BADEA**  
*„Politehnica” University of Bucharest, Romania*
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- 1<sup>st</sup> Place** SYNOPTIC ANALYSIS OF THE LATE BLIZZARD OF APRIL 19-21, 2017. CASE STUDY  
**MADALINA DONISAN**  
*"Henri Coanda" Air Force Academy, Brasov, Romania*
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- 2<sup>nd</sup> Place** THE ION PROPULSION  
**RĂZVAN DUȚU**  
*"Henri Coanda" Air Force Academy, Brasov, Romania*
- 
- 3<sup>rd</sup> Place** DESIGN AND DEVELOPMENT OF MINI-AERIAL PLATFORMS FOR ACADEMIC EDUCATION AND TESTING  
**CIPRIAN RONCEA, COSMIN IRIMIA**  
*Military Technical Academy, "Ferdinand I", Bucharest, Romania*
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