

Sectiunea Navigatie si Transport

Premiul de Excelenta : Developing a Software for Dead Reckoning Problems Using Python

Autor: stud. Georgiana-Cătălina CRISTEA
Indrumator: Elena-Grațîela ROBE-VOINEA
Institutia: Academia Navala "Mircea cel Batran"

Premiul I : The Future of Communication at Sea

Autor: stud. Vlad-Mihai CHELU
Indrumator: Cristina ALECSE
Institutia: Academia Navala "Mircea cel Batran"

Premiul II : Navigating with James Cook

Autor: stud. Alexandra STAVRE
Indrumator : Irina BAKHAYA
Institutia: Academia de Politie "Alexandru Ioan Cuza"

Premiul III : Lighthouses on the Romanian Coast

Autori: stud. Lavinia Maria ROIU, stud. Izabela Alexandra OȚELEA
Indrumator: Andra NEDELUCU
Institutia: Academia Navala "Mircea cel Batran"

Mentiune speciala aniversara - 150 ani Invatamant de Marina:

Study of the Dynamic Behaviour of the Ship on the Sea
Autor: stud. Ana-Cristina GEICĂ
Indrumator: Greti MANEA
Institutia: Academia Navala "Mircea cel Batran"

Sectiunea Inginerie si Management

Premiul de Excelenta : Analysis of the Evacuation of a Passenger Ship By Scenario Modeling According to IMO

Autor: stud. Eduard Iulian ȘTEFAN
Indrumator: Ion ANGHEL
Institutia: Academia de Politie "Alexandru Ioan Cuza"

Premiul I : Software for Calculus the Ship Loading

Autori: stud. Adriana-Raluca IANCU, stud. Florentina-Denisa JERCAN,
stud. Marian-Drăguțu VÎNĂ, stud. Dragoș-Petrișor VERZIA
Indrumator: Mihai BEJAN
Institutia: Academia Navala "Mircea cel Batran"

Premiul II : Computer Aided Simulation in the Event of a Chemical Accident in Liquefied Gas Transport Ships

Autor: stud. Țucra-Branga ASTIN
Indrumator: Aurel TROFIN
Institutia: Academia de Politie "Alexandru Ioan Cuza"

Premiul III : The Trend of Freight Rates in Containerized Transport

Autor: stud. Iordana OLTEANU
Indrumator: Filip NISTOR
Institutia: Academia Navala "Mircea cel Batran"

Mentiuni speciale aniversare - 150 ani Invatamant de Marina:

- 1) Analysis of Air Pollution and Perspectives for the Black Sea Area
Autor: stud. Anca Ana-Maria MIHALCEA
Indrumator: Alexandru COTORCEA
Institutia: Academia Navala "Mircea cel Batran"
- 2) Time to Ignition Analysis of a Combustible Material Through a Thermal Barrier

Autor: stud. Alexandru-George BECHERU
Indrumatori: Răzvan CALOTĂ, Iulian-Cristian ENE
Institutie: Academia de Politie "Alexandru Ioan Cuza"

3) Simulation of the Electromagnetic Energy Absorption in A Human Head
Model Wearing a Kevlar Helmet With 2.4 GHz Mounted Antennas

Autori: stud. Florin CIUREA, stud. David VĂTĂMANU
Indrumator: Simona MICLĂUȘ
Institutie: Academia Fortelor Terestre "Nicolae Bălcescu"

4) Virtual Laboratory to Illustrate Cyber Attacks

Autor: stud. Alexandru IONIȚĂ
Indrumator: Vlad VASILE
Institutie: Academia Fortelor Terestre "Nicolae Bălcescu"

5) Solutions for Optimizing the Use of Information System

Autor: stud. Daniel-Florin ISTUDOR
Indrumator: Vlad VASILE
Institutie: Academia Fortelor Terestre "Nicolae Bălcescu"

Sectiunea Stiinte Militare si Informatii

Premiul de Excelenta : Communication Abilities Specific to Officer Profile

Autor: stud. Teodora NUȚĂ
Indrumator: Cosmina NECULCEA
Institutie: Academia Fortelor Aeriene "Henri Coandă"

Premiul I : Using Sociometric Analysis Applied in the Field of Social Networks to Support
the Selection Phase of the HUMINT Process

Autori: stud. Andrei A., stud. Alexandra-Maria A.
Indrumator: Răzvan G.

Premiul II : Military Robots in Engineer Reconnaissance

Autori: stud. Kacper OSIKA, stud. Tomasz BANACHEWICZ
Indrumator: Monika WYSOCKA
Institutie: Academia Navala din Polonia

Premiul III : Diving Technology in the Context of Modern Warfare

Autor: stud. Vlad CONTESI
Indrumator: Daniel VIDA
Institutie: Institutul Medico-Militar

Sectiunea Inginerie Electrica

Premiul de Excelenta : Speed Control on DC Motor in MATLAB

Autori: stud. Roxana-Mădălina TÎRÎLĂ, stud. Daniel DRĂGAN
Indrumator: Vasile DOBREF
Institutie: Academia Navala "Mircea cel Batran"

Premiul I : Exif Metadata Viewer and Removal Tools

Autor: stud. Valentin-Ionut DUMITRA
Indrumator: Vlad VASILE
Institutie: Academia Navala "Mircea cel Batran"

Premiul II : The Future of Hybrid Motors through Possible Improvements

Autori: stud. Nicolae CARACOSTEA, stud. Elena-Cristina TAIFAS
Indrumator: Gheorghe SAMOILESCU
Institutie: Academia Navala "Mircea cel Batran"

Premiul III : Line Follower Robot Using ARDUINO

Autori: stud. Robert BOBARU, stud. Cosmin DABA
Indrumator: Cornelia-Victoria ANGHEL-DRUGĂRIN

Institutia: Universitatea Babeş-Bolyai din Cluj

Mentii speciale aniversare - 150 ani Invatamant de Marina:

1) Comparative Study of Encryption Algorithms

Autor: stud. Ana-Maria SITARU

Indrumator: Vlad VASILE

Institutia: Academia Fortelor Terestre "Nicolae Balcescu"

2) Single Phase Cycloconverter

Autor: stud. Marius-Nicolae ENI

Indrumatori: Vasile DOBREF, Vlad MOCANU

Institutia: Academia Navala "Mircea cel Batran"

3) The Electronics of an F1 Engine

Autori: stud. Cristea MATEI, stud. Nicolae DRĂGAN

Indrumator: Gheorghe SAMOILESCU

Institutia: Academia Navala "Mircea cel Batran"

Sectiunea Armament si Comunicatii

Premiul de Excelenta : Applying AI for Military Classification Tasks Through Universal Machine Learning Workflow

Autor: stud. Eduard-Andrei ONOFREI

Indrumator: Ovidiu CRISTEA

Institutia: Academia Navala "Mircea cel Batran"

Premiul I : Accomplishing a Proper Patch Antenna Array for Vital Signs Detection Based on Radar Sounding in the SHF Range

Autori: stud. Valentina-Mariana LUPU, stud. David VATAMANU

Indrumator: Simona MICLAUS

Institutia: Academia Fortelor Terestre "Nicolae Bălcescu"

Premiul II : Dark Web

Autori: stud. Georgi LOLOV, stud. Hristian HRISTOV

Institutia: Academia Navala "Nikola Vaptsarov", Bulgaria

Premiul III : The SSBN Class of Submarines

Autor: stud. Cristea MATEI

Indrumator: Alina BALAGIU

Institutia: Academia Navala "Mircea cel Batran"

Sectiunea Inginerie Mecanica

Premiul de Excelenta : Technics for Working with Autodesk Tools – Study of the Ship Geometry Using Fusion 360

Autor: stud Cristian-Felician ZAHARIA

Indrumator: Mihaela-Greti MANEA

Institutia: Academia Navala "Mircea cel Batran"

Premiul I : NotPetya Cyberattack

Autor: stud Petruţ Cosmin GLOGOVEANU

Indrumator: Florin POSTOLACHE

Institutia: Academia Navala "Mircea cel Batran"

Premiul II : The Colors of Hydrogen

Autori: stud Victor-Andrei SPOIALĂ, stud. Marius Valentin PREDA

Indrumator: Ionel POPA

Institutia: Academia Navala "Mircea cel Batran"

Premiul III : Heat Pumps

Autori: stud Florin STANILĂ, stud. Neculai ŞTEFAN

Indrumator: Ionel POPA
Institutie: Academia Navala "Mircea cel Batran"

Sectiunea Stiinte Fundamentale

Premiul de Excelenta : Language as a Part of NATO

Autor: stud Andrei BAR
Indrumator: Assist. prof. Brândușa-Oana NICULESCU
Institutie: Academia Fortelor Terestre "Nicolae Bălcescu"

Premiul I : Relationships Between Piloting Technique and Pilot Attitudes

Autor: stud Ștefan NEDELICU
Indrumator: Mihaela GURANDA
Institutie: Academia Fortelor Aeriene „Henri Coanda”

Premiul II : Pilot-Specific Cognitive Skills

Autor: stud Mihai Vlad MATEI
Indrumator: Mihaela GURANDA
Institutie: Academia Fortelor Aeriene „Henri Coanda”

Premiul III : Factors that Affect Student's Working Environment

Autori: stud Roxana-Mădălina TÎRÎLĂ, stud. Cătălin-Marian ȘERBAN
Indrumator: Ionel POPA
Institutie: Academia Navala "Mircea cel Batran"

Mentiuni speciale aniversare - 150 ani Invatamant de Marina:

1) Application of Learning Management Systems for English Language Studying

Autor: stud. Anastasiia SOSEDSKA
Indrumator: Vladlen SHAPO
Institutie: Academia Nationala Maritima Odessa

2) Research Ships and Their Tales of Discovery

Autor: stud Ahmad Kinj SAMER
Indrumator: Corina SANDIUC
Institutie: Academia Navala "Mircea cel Batran"

3) Piracy Vs. Terrorism

Autori: stud Alex VIRTAN, stud. Nicolaos SAMOLIS
Indrumator: Raluca APOSTOL-MATEȘ
Institutie: Academia Navala "Mircea cel Batran"

4) The Power of Human Connection

Autori: stud BĂJENARU Alexandra, stud. Dorina COMĂNICI
Indrumator: Corina SANDIUC
Institutie: Academia Navala "Mircea cel Batran"

5) Shipwrecks Around the World

Autor: stud Marian-Cosmin DRĂGAN
Indrumator: Camelia ALIBEC
Institutie: Academia Navala "Mircea cel Batran"