

## ЕЛЕКТРОНІКА ТА АЕРОКОСМІЧНІ СИСТЕМИ УПРАВЛІННЯ

### ELECTRONICS AND CONTROL SYSTEMS

Head: Sineglazov V.M., PhD, professor

Secretary: Mukhina M.P., PhD, associate professor

**06.04.2011, starts at 14<sup>00</sup>, Room 5.411**

**07.04.2011, starts at 14<sup>00</sup>, Room 5.411**

1. **Andriychuk N.O., NAU, Kyiv** Graphic editor gdi+  
*Scientific supervisor - Yurchenko O.S., ass. prof., PhD*
2. **Borsuk G.V., NAU, Kyiv** Combinational scheme of information management in inertial satellite navigation systems  
*Scientific supervisor - Filyashkin M.K., prof., PhD*
3. **Dolhorukov S. O., Roman B.V., NAU, Kyiv**  
Electropneumatic automation educational laboratory  
*Scientific supervisor - Sergeev I.Yu., ass. prof., PhD*
4. **Hromova O.O., NAU, Kyiv** Security of mobile computers in wireless network  
*Scientific supervisor - Borsuk S.P., assistant*
5. **Hromova O.O., NAU, Kyiv** Diamond usage in electronics  
*Scientific supervisor - Martyniuk V.S., ass. prof., PhD*
6. **Kojara Y.O., Yasyenyev S.V., NAU, Kyiv, Hruschov G.D., NTUU KPI, Kyiv**  
Algorithm of interpretation of answers received from student during testing with the questions concerning adjoining themes  
*Scientific supervisor - Borsuk S.P., assistant*
7. **Kostur P.P., NAU, Kyiv** Application of fibre optical gyroscopes on modern aircrafts  
*Scientific advisor - Koniushko V.M., ass. prof., PhD*
8. **Kryvenko K.V., NAU, Kyiv** Computer devices and methods for uav flight test data acquisition, recording and processing  
*Scientific supervisor - Tupitsin M.F., ass. prof., PhD*
9. **Nalesna A.V., NAU, Kyiv** Evaluation technique of nonlinear digital control systems by modern aircraft  
*Scientific advisor - Koniushko V.M., ass. prof., PhD*

10. **Savchuk O.A., NAU, Kyiv** Application of ring laser gyroscopes on aircraft *Scientific advisor - Koniushko V.M., ass. prof., PhD*
11. **Seden I.V., Rybak N.P., NAU, Kyiv** Energy sources for robots *Scientific supervisor - Martyniuk V.S., ass. prof., PhD*
12. **Seden I.V., Rybak N.P., NAU, Kyiv** Image segmentation *Scientific supervisor - Mukhina M.P., ass. prof., PhD*
13. **Turenko D.M., NAU, Kyiv** Electric drive of robots *Scientific supervisor - Martyniuk V.S., ass. prof., PhD*
14. **Turenko D.M., NAU, Kyiv** 3-D image construction *Scientific supervisor - Mukhina M.P., ass. prof., PhD*
15. **Volkova A.F., NAU, Kyiv** Production and usage of holographic images *Scientific supervisor - Mukhina M.P., ass. prof., PhD*
16. **Volkova A.F., NAU, Kyiv** Most accurate natural “clocks” opens the ability of “galaxy GPS” realization *Scientific supervisor - Suschenko O.A., ass. prof., PhD*
17. **Khomenchuk A.V., State university of information and communication technologies, Kyiv**  
Intellectual models of aircraft  
*Scientific supervisor - Korniychuk M.T., prof., PhD*
18. **Askerov R.Sh., NAU, Kyiv**  
Avionics full duplex switched Ethernet  
*Scientific advisor - Koniushko V.M., ass. prof., PhD*