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| R.Głębocki | **Prof. Robert Głębocki**  **Scientific degree:** Ph.D.,D.Sc.  **Warsaw University of Technology**  Date of birth 8 March 1968, Warsaw | **Phone:** +48 22 234 5933 **Fax:** +48 22 622 3877 **E-mail:** robert.glebocki@mel.pw.edu.pl |

**RESEARCH**

**Interest and experience**

* Control systems
* Control of ground and air objects
* Unmanned objects control systems
* Smart munitions, missiles and rockets
* Modelling of control systems
* Computer simulation
* Military technology

**Publications**  
2 books, 100 papers in journals and conference proceedings

**Research projects activity**

* Coordinator of 5 research programmes of Polish Ministry of Science and Higher Education
* System nawigacji wzajemnej satelitów na potrzeby ich serwisowania na orbicie oraz lotu w formacji. – satellite control, formation flight (budget 5 mln. PLN)
* Zaprojektowanie mobilnej platformy do wsparcia badań kryminalistycznych miejsc zdarzeń, w których może występować zagrożenie CBRN. – police platform for forensic activity (budget 5 mln. PLN)
* Autonomiczny system wykrywania i niszczenia min niemetalowych. – autonomous system for non-metal mine seeking (budget 3 mln. PLN);
* Autonomiczny system sterowania bomb lotniczych. – control system for air bomb (budget 0.3 mln. PLN);
* Impulsowe sterowanie lotem małych inteligentnych pocisków przy wykorzystaniu metod naprowadzania opartych na sztucznych sieciach neuronowych. – smart mortar missile control system (budget 0.3 mln. PLN)
* University coordinator of UGTV (Unmanned Ground Tactical Vehicle) research programme of European Defence Agency
* Participants in five programmes of 5th, 6th and 7th European Union Framework Programmes
* ADFCS II - Affordable Digital Fly-By-Wire Flight Control Systems for Small Commercial Aircraft 2002-2004;
* NACRE- New Aircraft Concepts Research, Integrated Project", 2005-2007;
* NICETRIP – Novel Innovative Competitive Effective Tilt Rotor Integrated Project ", 2006-2010;
* NEFS - New Track integrated Electrical Single Flap Drive System ", 2007-2011;
* TALOS - Transportable Autonomous patrol for Land bOrder Surveillance system", 2009-2012
* Participants in six programmes of Polish Ministry of Defence or Polish Ministry of Science and Higher Education

**PERSONAL DATA**

**Professional Activity**

* 2014 - Professor, Faculty of Power and Aeronautical Engineering, Warsaw University of Technology
* 2011 – Director of Defence and Security Research Centre, Warsaw University of Technology
* 2008 – Head of Security and Military Systems Research Team
* 2003 – 2014 Associate Professor, Faculty of Power and Aeronautical Engineering, Warsaw University of Technology
* 1998 - 2002 Research Scientist, Industrial Institute of Automation and Measurements

**Education and Degrees Received**

* 2014 D.Sc. in automation and robotics, Warsaw University of Technology,
* 2001 Ph.D. in mechanical engineering, Warsaw University of Technology,
* 1994-1999 Warsaw University of Technology, Faculty of Power and Aeronautical Engineering, Ph.D. Studies in mechanical engineering,
* 1994 M.Sc. in mechanical engineering, Warsaw University of Technology,
* 1987-1994 Warsaw University of Technology, Faculty of Power and Aeronautical Engineering, M.Sc. Studies in mechanical engineering,

**Foreign activity**

* Scholarships
  + KIH W-V, Oostende, Belgium, grants from TEMPUS (1 semester)
  + Ecole Centrale de Nantes, France, Erasmus Teaching Staff Mobility 5 visits
  + University of Genova, Italy, Erasmus Teaching Staff Mobility visit
  + Shanghaj Yao Tong University, China, Erasmus Teaching Staff Mobility visit
  + Dublin Institute of Technology, Ireland
* Short technical visits - NLR, Amsterdam, (Holland), Alenia Aeronautica Torino (Italy), BAE Systems Rochester (UK), Sagem Paris (France)

**Education projects**

* Coordinator of exchanges programme eASTANA Erasmus Mundus Action2 (budget 2.4 mln. Euro)
* Coordinator of exchanges programme EWENT Erasmus Mundus Action2 (budget 3.4 mln. Euro)
* Coordinator of exchanges programme ACTIVE Erasmus Mundus Action2 (budget 3 mln. Euro)
* Coordinator of exchanges programme PANTHER Erasmus Mundus Action2 (budget 1.2 mln. Euro)
* Steering Committee member of exchange programme WILLPwer Erasmus Mundus Action2
* Steering Committee member of EMARO program (European Master in Advanced Robotics)

**Consulting services and cooperation**

* Polska Grupa Zbrojeniowa, Radom PL
* THALES, FR
* Thales Alenia Space, Fr
* PIT/RADWAR, Warsaw, PL
* PCO, Warsaw PL
* WB Electronics, Ożarów, PL
* Military Institute of Armament Technology, Zielonka, PL
* Industrial Institute of Automation and Measurement, Warsaw. PL
* OBRUM, Gliwice, PL
* MESKO, Skarżysko, PL
* Polish Air Force Academy, Dęblin, PL
* Police Central Criminalistics Laboratory, Warsaw, PL
* CTM, Gdynia PL

**TEACHING ACTIVITY**

**Lectures**

* Now: Control Theory, Advanced Control Theory, Automatic Control in Techniques, Control Systems in Aeronautics and Astronautics
* In the past: Numerical Simulation of Mechanical Systems, Human Factor in Control Systems, Aircraft Hydraulic Systems, Automatic Flight Control Systems, Flight Control Systems

**Students supervising**

* Now: PhD. - 3, M.Sc. – 3, B.Sc - 2
* In the past: M.Sc. Thesis – 29, B.Sc. Thesis – 23

**Affiliation to professional societies**

* American Institute of Aeronautics and Astronautics, since 2006, member

**Awards**

* Awards of Warsaw University of Technology Rector, 2014
* Awards of Warsaw University of Technology Rector, 2013
* Awards of Warsaw University of Technology Rector, 2011
* Awards of Warsaw University of Technology Rector, 2007
* Distinction of Ph.D thesis, 2001

**Languages**

* Polish
* English
* Russian