**CURRICULUM VITAE**

PERSONAL DATA:

Name and surname: Vladislav Ivanov

Date of birth: 11.11.1978

Citizenship: Bulgarian

Address: Department of ADP, Faculty of Mechanical Engineering,

Technical University of Sofia, Sofia, 1000, Bulgaria

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EDUCATION:

**PhD, Automation of Production** Expected Graduation: May, 2013

Technical University of Sofia, Bulgaria

Thesis: Automation of Capacitors Assembly

**MSc, Machine Elements and Non-Metallic Constructions** Graduated: 2003

Technical University of Sofia, Bulgaria

Thesis: Development of a Methodology for Polymer Thread

Design and Calculation

PROFESSIONAL EXPERIENCE:

Researcher 2008 - present

Technical University of Sofia, Bulgaria

Coordinator of AC film capacitors production 2003 - 2007

Arcotronics Bulgaria AD

RESEARCH FIELD:

* Automatic Assembly Lines
* Mechatronic Systems
* Manufacturing Systems Quality Control
* Modeling and Simulation of Manufacturing Processes
* Modeling and Simulation of Mechatronic Systems

COMPUTER SKILLS:

Microsoft Office, AutoCAD, SolidWorks, MATLAB/Simulink, Siemens PLM Software/Plant Simulation

LANGUAGES:

Bulgarian, English, Russian, German

ADDITIONAL INFORMATION:

2000 – 2003: Member of the Students Council in Technical University of Sofia

2001 – 2003: Chairman of the Mechanical Faculty in the Students Council

2000: Represented Bulgarian National Students Association at a Conference on Higher Education, Belgrade, Serbia

2000: Took part in an exchange program between Technical University of Sofia and RWTH University Aachen, Germany

2008 – present: Member of Bulgarian Association of Mechanical Engineers

LIST OF PUBLISHED PAPERS:

1. Neshkov, T., **V. Ivanov**, *Automation of Capacitors Production*, XVII National Scientific Conference “ADP-2008”, Sozopol, Bulgaria, 2008, pp. 252-258.

2. Neshkov, T., **V. Ivanov,** K. Tsvetkov, *Development of an Automatic Line for Bipolar Conductor Capacitors Assembly,* XVII National Scientific Conference “ADP-2008”, Sozopol, Bulgaria, 2008, pp. 259-264.

3. Ivanov, V., *A Mechatronic Approach to Development of Automatic Lines for Cylindrical Capacitors Assembly,* IX International Conference on Advanced Materials and Operations, Kranevo, Bulgaria, 2009, pp. 261-265.

4. Ivanov, V., *Development of a Technological Process and Selection of a Principle Scheme of Automatic Lines for Cylindrical Capacitors Assembly*, XIX National Scientific Conference “ADP-2010”, Sozopol, Bulgaria, 2010, pp. 356-360.

5. Ivanov, V., *Application of PFMEA for Analysis and Design of a Technological Process for Automatic Assembly of Capacitors*, XXI International Scientific Conference “ADP-2012”, Sozopol, Bulgaria, 2012, pp. 46-51.

6. Neshkov, T., A. Stefanov, **V. Ivanov**, *Application of PFMEA for Identification of Self Recovering Failures in Production Lines for Automatic Assembly of Capacitors*, XI International SAUM Conference on Systems, Automatic Control and Measurements, SAUM 2012, Nish, Serbia, 2012, pp. 1-4.

7. **Ivanov, V.**, A. Stefanov, *Modeling and Simulation of Synchronous Automatic Assembly Lines with Simulink/SimEvents and Siemens Plant Simulation*, XXII International Scientific Conference “ADP-2013”, Sozopol, Bulgaria, 2013. (Abstract accepted)