

# CURRICULUM VITAE

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## 6. Education

Institution	Year	Level of professional skills, scientific degree
Kaunas Politechnic Institute	1983	Dipl.-Eng. degree in microelectronics
Kaunas University of Technology	1996	Ph.D. degree in electrical engineering, thesis title: Electron and Ion Beam Technologies for the Fabrication of Micro-Optical Structures

## 7. Work experience

Date	Employer	Position held / character of activities
1994 – 2016 (presently)	Institute of Materials Science of Kaunas University of Technology (former Institute of Physical Electronics)	Senior Researcher
2012 - 2013	Kaunas University of Technology, International Studies Center	Professor
2007 - 2011	Kaunas University of Technology, International Studies Center	Associate Professor
1998 - 2006	Kaunas University of Technology	Intermittent Lecturer
1995 - 2003	Service of Technological Security of State Documents under the Ministry of Finance	Senior Specialist
1994 - 1996	Kaunas University of Technology	PhD Student
1992 - 1994	Scientific Center of Semiconductor Microelectronics "Microlira"	Senior Engineer
1987 - 1992	Kaunas Institute of Radio Measurement Technique	Senior Engineer

## 8. PhD supervision

2010 – 2014	PhD student Algirdas Lazauskas, thesis defended in 2014.
2006 – 2010	PhD student Gailius Vanagas, thesis defended in 2012.
2005 – 2009	PhD student Marius Mikolajūnas, thesis defended in 2011.

## 9. Postdoc supervision

2007-2008	Postdoc intern Asta Guobienė. Nanolithography for new generation of diffractive optical elements, LSC
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## 10. Project activity (five key projects)

2004-2007	EU Framework 6 project: COOP-CT-2004-5112667 "Nanoimprint lithography for novel 2 and 3 dimensional nanostructures" (3D NANOPRINT), participant
2007 - 2009	Project of High technologies development programme "Advanced micromechanical systems and technologies" (NAMSIS), <b>coordinator</b>
2013 - 2014	Human resource development operational programme project No. VP1-3.1-ŠMM-08-K-01-015 „Microsensors, Microprocessors, and Microcontrollers for Mechatronic Systems (Go-Smart)“, participant

2013 - 2015	Global grant project funded by Research Council of Lithuania „Plasmonic nanostructures for solar cells with decreased spectrum losses (NIRSOLIS)“, participant
2015 - 2017	Researcher team project of Research Council of Lithuania "Nanolithography for ultraviolet optics" (UVDIODE), <b>coordinator</b>

## 11. Student's book chapters

<p>Raila, Saulius; <b>Grigaliūnas, Viktoras</b>; Kopustinskas, Vitoldas; Margelevičius, Juozas; Prosyčėvas, Igoris. Neardančioji gaminių kontrolė: mokomoji knyga / Saulius Raila, Viktoras Grigaliūnas, Vitoldas Kopustinskas, Juozas Margelevičius, Igoris Prosyčėvas. Kaunas: Technologija, 1998. 74 p. (in Lithuanian).</p>
<p>Vilyus, Jonas Steponas; Tamulevičius, Sigitas; <b>Grigaliūnas, Viktoras</b>; Meškiniš, Šarūnas; Guobienė, Asta. Paviršiaus inžinerija ir nanotechnologijos: mokomoji knyga / Kauno technologijos universitetas. Kaunas: Vitae litera, 2007. 225 p. (in Lithuanian).</p>

## 12. Scientific activity (five key publications)

<p><b>Grigaliūnas, Viktoras</b>; Kopustinskas, Vitoldas; Meškiniš, Šarūnas; Margelevičius, Mindaugas; Mikulskas, I.; Tomašiūnas, Rolandas. Replication technology for photonic band gap applications // Optical Materials. Amsterdam: Elsevier Science. ISSN 0925-3467. 2001, Vol. 17, no. 1-2, p. 15-18. [ISI Web of Science; Chemical Abstracts (CAplus); COMPENDEX; INSPEC]. [0,289]. [IF (E): 0,879 (2002)]</p>
<p><b>Grigaliūnas, Viktoras</b>; Tamulevičius, Sigitas; Muehlberger, Michael; Jucius, Dalius; Guobienė, Asta; Kopustinskas, Vitoldas; Gudonytė, Angelė. Nanoimprint lithography using IR laser irradiation // Applied Surface Science. Amsterdam: Elsevier Science. ISSN 0169-4332. 2006, Vol. 253, iss. 2, p. 646–650. [ISI Web of Science; Chemical Abstracts (CAplus); COMPENDEX; INSPEC; Science Direct]. [0,202]. [IF (E): 1,436 (2006)]</p>
<p>Lazauskas, Algirdas; <b>Grigaliūnas, Viktoras</b>; Ecarla, F.; Caunii, M.. A comparative evaluation of surface morphology, cohesive and adhesive properties of one-step and two-step thermal deposited chromium thin films on glass substrates // Applied Surface Science. Amsterdam: Elsevier. ISSN 0169-4332. 2012, Vol. 258, iss. 19, p. 7633-7638. [Science Citation Index Expanded (Web of Science); COMPENDEX; INSPEC; Science Direct]. [0,354]. [IF (E): 2,112 (2012)]</p>
<p><b>Grigaliūnas, Viktoras</b>; Lazauskas, Algirdas; Jucius, Dalius; Viržonis, Darius; Abakevičienė, Brigita; Smetona, Saulius; Tamulevičius, Sigitas. Microlens fabrication by 3D electron beam lithography combined with thermal reflow technique // Microelectronic engineering. Amsterdam: Elsevier. ISSN 0167-9317. 2016, vol. 164, p. 23-29. [Science Citation Index Expanded (Web of Science); Science Direct; Compendex; Inspec; Chemical Abstracts (CAplus); Academic Search Alumni Edition; Academic Search Complete; Academic Search Elite; Academic Search Premier; Academic Search Research &amp; Development; Ingenta Connect]. [IF: 1,277, AIF: 3,220 (E, 2015)].</p>
<p><b>Grigaliūnas, Viktoras</b>; Jucius, Dalius; Lazauskas, Algirdas; Andrulevičius, Mindaugas; Sakaliūnienė, Jolita; Abakevičienė, Brigita; Kopustinskas, Vitoldas; Smetona, Saulius; Tamulevičius, Sigitas. Effects of 3D microlens transfer into fused silica substrate by CF<sub>4</sub>/O<sub>2</sub> dry etching // Applied surface science. Amsterdam: Elsevier. ISSN 0169-4332. 2017, vol. 393, p. 287-293. [Science Citation Index Expanded (Web of Science); Current Contents (Physical, Chemical &amp; Earth Sciences); Current Contents (Engineering, Computing &amp; Technology); Science Direct]. [IF: 3,150, AIF: 3,592 (E, 2015)].</p>

## 13. Patents

<b>EU patent</b> (with co-inventors)	EP2145696 A1 Capacitive micromachined ultrasonic transducer and its fabrication method, date of publication: 2010.01.20
<b>Patent of the Republic of Lithuania</b> (with co-inventors)	LT5208B Mikroelektromechaninio jungiklio gamybos būdas, date of publication: 2005.04.25 (in Lithuanian).
<b>Patent of the Republic of Lithuania</b>	LT4281B Daugiasluoksnė medžiaga su

(with co-inventors)	difrakcinėmis struktūromis, date of publication: 1998.01.26 (in Lithuanian).
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#### 14. Reviewer for the following institutions and journals

Lithuanian Academy of Sciences, Scientific Exchange Programme between the New Member States and Switzerland (Sciex), Elsevier journals, IOP Science journals, Materials Science (Medziagotyra) journal
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#### 15. Professional memberships

2003 – 2016	Member of Doctoral studies committee, Materials Engineering (08T)
2010	Member of Doctoral studies committee, Electrical Engineering (01T)
2003 – 2016	PhD defense council member (Materials engineering and Physics)
2010 – 2013	Chairman of council of Institute of Materials Science of Kaunas University of Technology
1997 - 2001	Chairman of council of Institute of Physical Electronics of Kaunas University of Technology

#### 16. Teaching (study modules at KTU)

<b>T150B186</b>	Functional Materials and Nanotechnologies
<b>T210M105</b>	Nanotechnology and Nanostructures
<b>T480M010</b>	Modern Materials and Nanotechnologies
<b>T150M222</b>	Clean room technologies

#### 17. Language skills

Lithuanian (native)

Language	Reading	Speaking	Writing
English	5	4	4
Russian	5	4	4

10th January 2017



Viktoras Grigaliūnas