

Nano un kvantu tehnoloģijas, inovatīvi materiāli

Wednesday, 25 August 2021 - Saturday, 28 August 2021

Book of Abstracts

Contents

Application of magnetic hydrodynamics in metallurgy	1
Fabrication and characterization of on-chip semiconductor nanowire nanoelectromechanical switches	1
Development of removable visual impact indicator for polymer composite materials . . .	1
A new view on the microworld with diamond quantum sensors	1
Movement diversity of flexible ferromagnetic filaments – from rotation to propulsion . .	2
Comprehensive physicochemical characterization of various Calcium phosphates – problems, trends and perspectives	2

Nanotehnoloģijas / 2**Application of magnetic hydrodynamics in metallurgy****Authors:** Kristine Karklina^{None}; Liene Viluma^{None}**Corresponding Author:** kk12142@edu.lu.lv

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Kvantu tehnoloģijas / 3**Fabrication and characterization of on-chip semiconductor nanowire nanoelectromechanical switches****Authors:** Kristine Karklina^{None}; Liene Viluma^{None}**Corresponding Author:** kk12142@edu.lu.lv

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Inovatīvi materiāli / 4**Development of removable visual impact indicator for polymer composite materials****Author:** Kristine Karklina^{None}**Corresponding Author:** kk12142@edu.lu.lv

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Kvantu tehnoloģijas / 6**A new view on the microworld with diamond quantum sensors**

Author: Liene Viluma^{None}

Corresponding Author: lv12031@edu.lu.lv

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Nanotehnoloģijas / 7

Movement diversity of flexible ferromagnetic filaments – from rotation to propulsion

Author: Liene Viluma^{None}

Corresponding Author: lv12031@edu.lu.lv

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Inovatīvi materiāli / 8

Comprehensive physicochemical characterization of various Calcium phosphates – problems, trends and perspectives

Author: Aija Erta^{None}

Corresponding Author: ae14036@edu.lu.lv

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.