



Докторант

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ХТМУ, катедра „Физика“
Дата на раждане: 1976

Научни интереси

- Микроструктура, фазообразуване, електрични и диелектрични свойства на керамични и стъклокерамични материали.
- Методи на синтез на стъклокерамични материали и тяхното приложение.
- Измервателни техники за механични, термични, оптични и електрични свойства на кондензираната материя.

Дисертационен труд

Тема: Структура, механични и термични свойства на ауриувилус фази, базирани на основата на бисмутов титанат с добавки

Ръководители: доц. д-р инж. С. Първанов – катедра "Физика", ХТМУ
проф. дхн Я. Димитриев – катедра "Технология на силикатите", ХТМУ

Период на докторантурата: 01.03.2010 г. – 29.02.2013 г.

Участие в научни проекти

- № Д02-744/02.08.2012, ПРОЕКТ BG051PO001-3.3.05-0001 „Наука и бизнес“

Участие в научни конференции

- V-та Научна постерна сесия за студенти, докторанти и млади учени, 17 май 2008, ХТМУ, София, България
- 2-nd Training School of the COST539 Action: "Electroceramics from nanopowders Processed by Inovative Methods (ELENA)" on "Advanced Functional Characterization Techniques of Nanostructured Materials", 23 February 2009, Madrid, Spain
- 6-th Workshop of the COST539 Action: "Electroceramics from nanopowders Processed by Inovative Methods (ELENA)" on "Advanced Functional Characterization Techniques of Nanostructured Materials", 24 -25 February 2009, Madrid, Spain
- VII-та Научна постерна сесия за студенти, докторанти и млади учени, 19 май 2010, ХТМУ, София, България
- Nanotechnological Basis of Advanced Sensors, 30 May-11 June 2010, Sozopol, Bulgaria
- 16th International school on condensed matter physics, August 29th – September 3rd, 2010, Varna, Bulgaria
- Seventh National Conference on Chemistry, international Conference on Green Technologies and Environmental Protection, 26-29 May 2011, Sofia, Bulgaria
- VIII Научна постерна сесия за студенти и млади учени, 18 май 2011, ХТМУ, София, България
- 17th International Summer School on Vacuum, Electron and Ion Technologies, 19-23 September 2011, Sunny Beach, Bulgaria

- Fifth Balkan Conference on Glass Science & Technology, 17th Conference on Glass and Ceramics, 25.09 – 29.09 2011, Nessebar, Bulgaria
- Conference for Young Scientists "The Ninth Students' Meeting, SM-2011", November 16-18, 2011, Novi Sad, Serbia
- International Workshop on Oxide and Non-oxide Materials for Optoelectronics, 21-22.12.2011, UCTM, Sofia, Bulgaria
- IX Научна постерна сесия за студенти и млади учени, 18 май 2012, ХТМУ, София, България
- Inovation Week Program, R.E.S. Laboratory of T.E.I of Patras, 1 – 11 July 2012, Patra, Greece
- 2nd International Conference on Optical, Electronic and Electrical Materials - OEEM2012, 5-7 August 2012, Shanghai, China

Преподавателска дейност

- Ръководене на упражнения по Физика I и II част, катедра „Физика“, ХТМУ, София

Сертификати

- 2-nd Training School of the COST539 Action: "Electroceramics from nanopowders Processed by Inovative Methods (ELENA)" on "Advanced Functional Characterization Techniques of Nanostructured Materials", 23 February 2009, Madrid, Spain
- 6-th Workshop of the COST539 Action: "Electroceramics from nanopowders Processed by Inovative Methods (ELENA)" on "Advanced Functional Characterization Techniques of Nanostructured Materials", 24 -25 February 2009, Madrid, Spain
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- Inovation Week Program, R.E.S. Laboratory of T.E.I of Patras, 1 – 11 July 2012, Patra, Greece

Научни публикации

- S. Slavov, M. Krapchanska, E. Kashchieva, Y. Dimitriev, „Microstructure of bismuth-Titanate ceramics“, Ruse, Scientific Conference Proceedings V. 47. book 8, 2008, 63-66
- Elena P. Kashchieva, Milena Z. Krapchanska, Stanislav S, Slavov, Yanko B. Dimitriev, "Effect of synthesis route on the microstructure of SiO₂ doped bismuth titanate ceramics", Processing and Application of Ceramics 3 [4] (2009), 171-175
- Stanislav S. Slavov, Milena Z. Krapchanska, Elena P. Kashchieva, Yanko B. Dimitriev, "Electrical characteristics of bismuth titanate ceramics containing SiO₂ and Nd₂O₃", Processing and Application of Ceramics 4 [1] (2010) 39-43
- Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, „Conductivity, dielectric losses and dielectric permittivity depending on the temperature of bismuth titanate ceramics and glass-ceramics, containing SiO₂ and Nd₂O₃ as additives“, Processing and Application of Ceramics. (In press)
- Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, „Synthesis of doped bismuth titanate ceramics with Nd₂O₃ and SiO₂ and their electrical properties“ Journal of the University of Chemical Technology and Metallurgy. (In press)