**2018-2019**

**FACULTY OF SCIENCE, Pavol Jozef Safarik University in Kosice**

**Biophysics: 4.1.12**

Guarantee SAV: MUDr. Andrey Musatov, DrSc.

Thesis: ***Nanoparticles in relation to protein amyloid aggregation***

Supervisor: **Dr. Ing. Katarína Šipošová, PhD.**

Co-supervisor: **Assoc. Prof. Peter Kopčanský, PhD.**

Form of study:*Internal form of the study- Slovak Academy of Sciences*

Thesis: ***Automation and robotization of biophysical experiments***

Supervisor: **Assoc. Prof**. **Zoltán Tomori, PhD.**

Form of study: *Internal or external* - *Slovak Academy of Sciences*

**General theoretical physics and mathematical physics: 4.1.2**

Guarantee SAV: RNDr. Pavol Farkašovský, DrSc.

Thesis: ***The Graphitic Wormholes***

Supervisor: **RNDr. Richard Pinčák, PhD.**

Form of study:*Internal form of the study- Slovak Academy of Sciences*

**Physics of condensed matter and acoustics: 4.1.3**

Guarantee SAV: Prof. RNDr. Peter Samuely, DrSc.

Thesis: ***Self-organization in nanocomposites based on liquid crystals***

Supervisor: **RNDr. Natália Tomašovičová, CSc.**

Form of study: *Internal or external* - *Slovak Academy of Sciences*

Thesis: ***Magnetic nanoparticles with usable properties***

Supervisor: **RNDr. Mária Zentková, CSc.**

Co-supervisor: **RNDr. Martin Vavra, PhD, PF UPJŠ Košice**

Form of study:*Internal form of the study- Slovak Academy of Sciences*

Thesis: ***Phase diagrams of RMn1-xTixO3 (R = rareearth metal) substitutional systems***

Supervisor: **RNDr. Matúš Mihalik, PhD.**

Co-supervisor: **RNDr. Marián Mihalik, CSc.**

Form of study:*Internal form of the study- Slovak Academy of Sciences*

Thesis: ***Superfluid 3He-B as a model system for Q-bits***

Supervisor: **RNDr. Peter Skyba, DrSc.**

Form of study:*Internal form of the study- Slovak Academy of Sciences*

**FACULTY OF MATERIALS, METALLURGY AND RECYCLING – Technical University of Kosice**

**Materials, 5.2.26**

Guarantee SAV: Ing. Pavel Diko, DrSc.

Thesis: ***Magnetic nanoparticles with usable properties for biomedical applications***

Supervisor: **RNDr. Mária Zentková, CSc.**

Co-supervisor: **RNDr. Martin Vavra, PhD, PF UPJŠ Košice**

Form of study:*Internal form of the study- Slovak Academy of Sciences*

**FACULTY OF ELECTRICAL ENGINEERING AND INFORMATICS - Technical University of Kosice**

**Physical ingineering: 5.2.48**

Guarantee SAV: Doc. RNDr. Karol Flachbart, DrSc.

Thesis: **Self-organization in nanocomposites based on liquid crystals**

Supervisor: **RNDr. Natália Tomašovičová, CSc.**

Form of study: *Internal or external* - *Slovak Academy of Sciences*

Thesis: **Phase diagrams of RMn1-xTixO3 (R = rare earth metal) substitutional systems**

Supervisor: **RNDr. Matúš Mihalik, PhD.**

Co-supervisor: **RNDr. Marián Mihalik, CSc.**

Form of study:*Internal form of the study- Slovak Academy of Sciences*

Téma: **Magnetoelectric properites of the Sr-based M-type hexaferrites**

Supervisor: **RNDr. Matúš Mihalik, PhD.**

Co-supervisor: **RNDr. Marián Mihalik, CSc.**

Form of study:*Internal form of the study- Slovak Academy of Sciences*