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University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-401/14 Active presentation on conference abroad **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 6 C Α В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-402/14 Active presentation on conference in Slovakia **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 6 C Α В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-406/14 Citation in SCI **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 C Α В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-407/14 Citation in journal not indexed by SCI **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D Е FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID: Course title:

FMFI.KEF/3-FKLelu-004/14 | Diagnostic and Measurement Methods in Solid State Physics

**Educational activities:** 

Type of activities: lecture / seminar

**Number of hours:** 

per week: 2/2 per level/semester: 28/28

Form of the course: on-site learning

Number of credits: 10

**Recommended semester:** 1.

**Educational level: III.** 

**Prerequisites:** 

**Course requirements:** 

**Learning outcomes:** 

Class syllabus:

**Recommended literature:** 

Languages necessary to complete the course:

**Notes:** 

Past grade distribution

Total number of evaluated students: 3

A	В	С	D	Е	FX
100,0	0,0	0,0	0,0	0,0	0,0

Lecturers: RNDr. Vladimír Štrbík, CSc., RNDr. Vladimír Cambel, DrSc., Ing. Ivo Vávra, CSc.

Last change:

Approved by: doc. Ing. Fedor Gömöry, DrSc.

### STATE EXAM DESCRIPTION

University: Comenius University in Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KEF/3-FKL-950/15
Dissertation Examination

Number of credits: 20

Recommended semester: 3., 4..

Educational level: III.

State exam syllabus:

Last change: 02.06.2015

Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-504/14 Dissertation Thesis Admission **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 30 **Recommended semester:** 8. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D Е FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

### STATE EXAM DESCRIPTION

Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID:					
FMFI.KEF/3-FF	KLelu-501/14	Dissertation proj	ect I		
	ties:				
Number of cred	dits: 20				
Recommended	semester: 3.				
<b>Educational lev</b>	el: III.				
Prerequisites:					
Course require	ments:				
Learning outco	omes:				
Class syllabus:					
Recommended	literature:				
Languages nece	essary to comp	ete the course:			
Notes:					
Past grade distr Total number of	<b>ribution</b> f evaluated stude	ents: 6			
A	В	С	D	Е	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers:				_	
Last change:					
Approved by: d	loc. Ing. Fedor (	Gömöry, DrSc.			

University: Co	menius Universi	ty in Bratislava			
Faculty: Facult	y of Mathematic	s, Physics and Inf	formatics		
Course ID: FMFI.KEF/3-FI	KLelu-503/14	Course title: Dissertation proje	ect II		
	ties:				
Number of cree	dits: 20				
Recommended	semester: 5.				
Educational lev	vel: III.				
Prerequisites:					
Course require	ments:				
Learning outco	omes:				
Class syllabus:	,				
Recommended	literature:				
Languages nec	essary to comp	lete the course:			
Notes:					
Past grade dist Total number o	ribution f evaluated stud	ents: 2			
A	В	С	D	Е	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers:					•
Last change:					
Approved by:	doc. Ing. Fedor (	Gömöry, DrSc.			

**University:** Comenius University in Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID: Course title:

FMFI.KEF/3-FKLelu-012/14 | Electromagnetic properties of superconductors and weak links

**Educational activities:** 

Type of activities: lecture / seminar

**Number of hours:** 

per week: 2/2 per level/semester: 28/28

Form of the course: on-site learning

Number of credits: 10

**Recommended semester: 2.** 

**Educational level: III.** 

**Prerequisites:** 

**Course requirements:** 

**Learning outcomes:** 

Class syllabus:

**Recommended literature:** 

Languages necessary to complete the course:

**Notes:** 

Past grade distribution

Total number of evaluated students: 0

A	В	С	D	Е	FX
0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: RNDr. Vladimír Štrbík, CSc., doc. Ing. Fedor Gömöry, DrSc.

Last change:

Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-003/14 Electrons in Disordered and Mesoscopic Systems **Educational activities:** Type of activities: lecture **Number of hours:** per week: 3 per level/semester: 42 Form of the course: on-site learning Number of credits: 10 Recommended semester: 2. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 5 A C В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 Lecturers: doc. RNDr. Martin Moško, DrSc. Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

**University:** Comenius University in Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

**Course ID:** 

**Course title:** 

FMFI.KEF/3-FKLelu-013/14

Fabrication technology of materials, structures and devices

**Educational activities:** 

Type of activities: lecture / seminar

**Number of hours:** 

per week: 3 / 1 per level/semester: 42 / 14

Form of the course: on-site learning

Number of credits: 10

**Recommended semester: 2.** 

**Educational level: III.** 

**Prerequisites:** 

**Course requirements:** 

**Learning outcomes:** 

Class syllabus:

**Recommended literature:** 

Languages necessary to complete the course:

**Notes:** 

Past grade distribution

Total number of evaluated students: 5

A	В	C	D	Е	FX
80,0	20,0	0,0	0,0	0,0	0,0

**Lecturers:** Ing. Štefan Chromik, DrSc., RNDr. Vladimír Cambel, DrSc., Ing. Tibor Lalinský, DrSc.

Last change:

Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID:** Course title: FMFI.KEF/3-FKLelu-011/14 Microscopic theory of superconductivity **Educational activities:** Type of activities: lecture / seminar **Number of hours:** per week: 2/2 per level/semester: 28/28 Form of the course: on-site learning Number of credits: 10 **Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 1 Α C В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 Lecturers: doc. RNDr. Silvester Takács, DrSc. Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-404/14 Paper in international CC journal with IF<1 **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 1 C Α В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-403/14 Paper in international CC journal with IF>1 **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 30 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D Е FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Co	menius Universi	ty in Bratislava			
Faculty: Facult	y of Mathematic	es, Physics and Inf	formatics		
Course ID: FMFI.KEF/3-FI	rse ID:  FI.KEF/3-FKLelu-405/14  Course title: Paper in journal not indexed by CC				
	ties:				
Number of cree	dits: 10				
Recommended	semester:			_	
Educational lev	vel: III.				
Prerequisites:					
Course require	ments:				
Learning outco	omes:				
Class syllabus:					
Recommended	literature:				
Languages nec	essary to comp	lete the course:			
Notes:					
Past grade dist Total number o	ribution f evaluated stud	ents: 0			
A	В	C	D	Е	FX
0,0	0,0	0,0	0,0	0,0	0,0
Lecturers:				_	
Last change:					
Approved by:	doc. Ing. Fedor	Gömöry, DrSc.			

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-502/14 Passing Dissertation Examination **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 Recommended semester: 4. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 1 C Α В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KEF/3-FKLelu-006/14 Quantum Theory of Many-particle Systems **Educational activities:** Type of activities: lecture / seminar **Number of hours:** per week: 3 / 1 per level/semester: 42 / 14 Form of the course: on-site learning Number of credits: 10 Recommended semester: 2. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 1 Α C В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 Lecturers: doc. RNDr. Richard Hlubina, DrSc. Last change:

Strana: 20

Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-301/14 Research Work **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 Recommended semester: 2. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 7 C Α В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-302/14 Research Work **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester: 3. Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 5 C Α В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-303/14 Research Work **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 Recommended semester: 4. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 4 C Α В D Е FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-304/14 Research Work **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 **Recommended semester:** 5. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 C Α В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-305/14 Research Work **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 30 **Recommended semester:** 6. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 C Α В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KEF/3-FI	KLelu-306/14	Course title: Research Work			
	ties:				
Number of cred	dits: 25				
Recommended	semester: 7.				
<b>Educational lev</b>	el: III.				
Prerequisites:					
Course require	ments:				
Learning outco	mes:				
Class syllabus:					
Recommended	literature:				
Languages nece	essary to compl	ete the course:			
Notes:					
Past grade distance Total number of	ribution f evaluated stude	ents: 2			
A	В	С	D	Е	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers:		•			
Last change:					
Approved by: o	loc. Ing. Fedor (	Gömöry, DrSc.			

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKLelu-001/14 Selected Chapters of the Condensed Matter Physics **Educational activities:** Type of activities: lecture **Number of hours:** per week: 4 per level/semester: 56 Form of the course: on-site learning Number of credits: 10 **Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 9 C A В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 Lecturers: doc. RNDr. Martin Moško, DrSc. Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/3-FKL-201/10 Technical English **Educational activities:** Type of activities: lecture **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning **Number of credits: 5 Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 20 Α В C D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: doc. Ing. Fedor Gömöry, DrSc.