Course Title (in English) | Computational Materials Science Seminar  
Course Title (in Russian) | Семинар "Вычислительное материаловедение"  
Lead Instructor(s) | Oganov, Artem  
| Shapeev, Alexander  
| Tretiak, Sergei  
| Zhugayevych, Andriy  
Status of this Syllabus | The syllabus is a final draft waiting for form approval  
Contact Person | Dmitry Aksenov  
Contact Person's E-mail | d.aksenov@skoltech.ru  

1. Annotation  

Course Description  
This is the main research seminar at Skoltech for Computational Materials scientists. All students of Computational Materials Science subtrack of Materials Science MSc program should attend this seminar. Topics include materials modeling (at atomistic scale), theoretical and computational chemistry, theoretical and computational physics of materials, underlying mathematical methods and algorithms etc. Invited lectures are top scientists in their research field.  
Please see the seminar webpage at https://www.skoltech.ru/en/cms/  

2. Structure and Content  

Course Academic Level | Master-level course suitable for PhD students  
Number of ECTS credits | 3  
3. Assignments  
4. Grading  
Type of Assessment | Pass/Fail
5. Basic Information

###Attendance Requirements
Optional

###Course Stream
Science, Technology and Engineering (STE)

###Course Term (in context of Academic Year)
biweekly

###Course Delivery Frequency
Every year

###Students of Which Programs do You Recommend to Consider this Course as an Elective?

<table>
<thead>
<tr>
<th>Masters Programs</th>
<th>PhD Programs</th>
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<tbody>
<tr>
<td>Computational Science and Engineering</td>
<td>Materials Science and Engineering</td>
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<td>Materials Science</td>
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<tr>
<td>Mathematical and Theoretical Physics</td>
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###Please List the Teaching Assistants (TAs) You Propose for Your Course

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<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
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<tbody>
<tr>
<td>Dmitry</td>
<td>Aksenov</td>
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###Course Tags
Math  
Physics  
Programming  
Engineering  
Materials

6. Textbooks and Internet Resources

7. Facilities

8. Learning Outcomes

Do you want to specify outcomes in another framework?

Knowledge-Skill-Experience is good enough

9. Assessment Criteria

10. Additional Notes