Anna Ufliand

Yandex

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Self-introduction round

What is your name?
What is your background?
What is your motivation and expectations from this seminar?
Aim

Learn the basics of bioinformatics

Master students

Improve teaching skills (presentation, homework, grading)

PhD students

Get the overview of state-of-the-art research of bioinformatics

Guest lecturers
How to pass this course

1. Take part of all seminars 40
   You can miss 3 seminars for free. It gives you 40 points. Every further missed seminar gives 5 points less.

2. Choose a topic and give a presentation* 15

3. Prepare a homework exercise and grade your classmates* 15

4. Do the homeworks 30

* Tasks 2 and 3 are mandatory

Total points: 100
Presentations

Choose your topic by 29th September
(has to be related to bioinformatics)

Aim: teach something to the others and improve your teaching skills

Expected length: 20 min for Master’s students
45-60 min for PhD students

Hint: make it interactive!
(include discussions, “hands on” opportunities, surveys, etc.)
How to choose the presentation topic?

Has to be related to bioinformatics

- You can **review bioinformatics research papers** through Google Scholar
- Think of what would be the **most interesting to you**
- Try to find something **related to your other projects**
- You can get some **inspiration from books**:

If nothing helps, ask Anna or Sulev...
Homeworks

Right after doing the presentation you’ll give the homework for the others

Expected effort needed for doing the homework: 1-3 hours*

*These homeworks that are prepared by Master’s students, should take half of this to complete because we are giving two homeworks at the time in these lectures.

Everybody will send their homeworks to your e-mail in 1 week. Then you’ll grade them in additional 1 week and send the grades to Anna or Sulev in 2 weeks after your presentation.
As we don’t know yet how many homeworks there will be in total, we can’t say right now how many points every homework gives.

* Exceptions are possible, if fraud, plagiarism etc is suspected

**Example**: if there will be 8 homeworks, every homework gives $30/8=3.75$ points max.
Schedule:

**Deadline for project topic**
- **13th October**

**Student presentations & homeworks**

**Deadline for presentation topic**
- **29th September**

**End of course & pizza**
- **16th December**

* Only for those who take Bioinformatics Project course
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>02.09</td>
<td>Introduction to the course</td>
</tr>
<tr>
<td>09.09</td>
<td>Introduction to bioinformatics <strong>Elena Sügis</strong></td>
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<tr>
<td>16.09</td>
<td>How to give a cool presentation <strong>Dmytro Fishman</strong></td>
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<tr>
<td>23.09</td>
<td><strong>Tõnu Esko</strong>’s talk</td>
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<tr>
<td>29.09</td>
<td>DEADLINE FOR THE PRESENTATION TOPIC</td>
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<tr>
<td>30.09</td>
<td>Anna Ufliand’s talk + homework</td>
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<tr>
<td>07.10</td>
<td>Personalized medicine (Sulev Reisberg) + homework</td>
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<tr>
<td>13.10</td>
<td>DEADLINE FOR THE PROJECT TOPIC</td>
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<td>14.10</td>
<td><strong>Leopold Parts</strong>’ talk</td>
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<td>21.10</td>
<td>student presentation <strong>Liis Kolberg</strong> + homework</td>
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<tr>
<td>28.11</td>
<td>student presentation <strong>Ahto Salumets</strong> + homework</td>
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<tr>
<td>04.11</td>
<td>2 master’s presentations + 2 homeworks</td>
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<tr>
<td>11.11</td>
<td>2 master’s presentations + 2 homeworks</td>
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<tr>
<td>18.11</td>
<td>2 master’s presentations + 2 homeworks</td>
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<td>Kaur Alasoo?</td>
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<tr>
<td>02.12</td>
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<tr>
<td>09.12</td>
<td>Bioinformatics project presentations</td>
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<tr>
<td>16.12</td>
<td>Wrap-up, course feedback and pizza</td>
</tr>
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All details are given at the course website:

https://courses.cs.ut.ee/2016/bioseminar/fall

Contacts

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