

# Parallel Programming course. Handshake lesson

Obolenskiy Arseniy, Nesterov Alexander

Nizhny Novgorod State University

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# Today

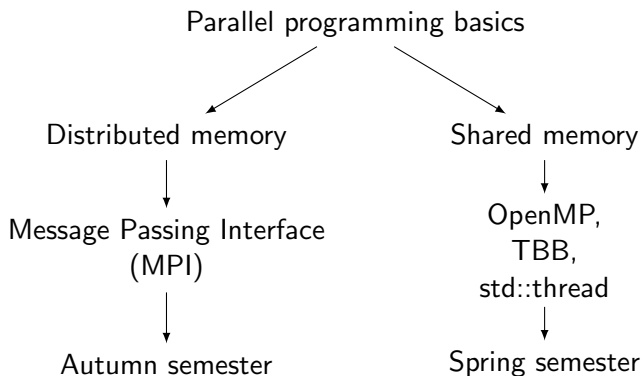
- 1 Introduction
- 2 Structure of overall course
- 3 Structure of the current semester
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- 5 Administrative questions
- 6 What will be covered in the next practice?
- 7 Q&A section

## Parallel Programming Course

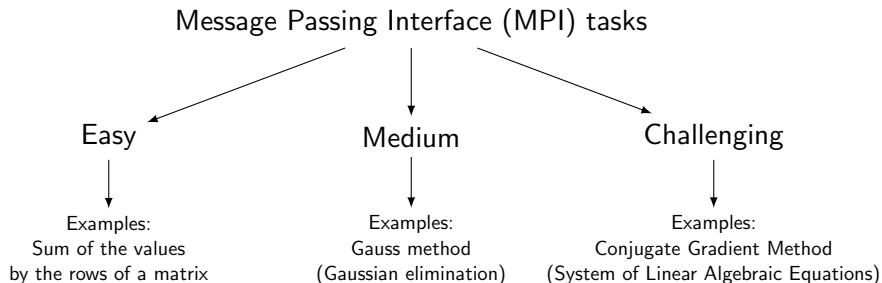
### Contacts:

- Nesterov Alexander  
E-mail: [nesterov.alexander@outlook.com](mailto:nesterov.alexander@outlook.com)
- Obolenskiy Arseniy  
E-mail: [me@gooddoog.ru](mailto:me@gooddoog.ru)

# Structure of overall course



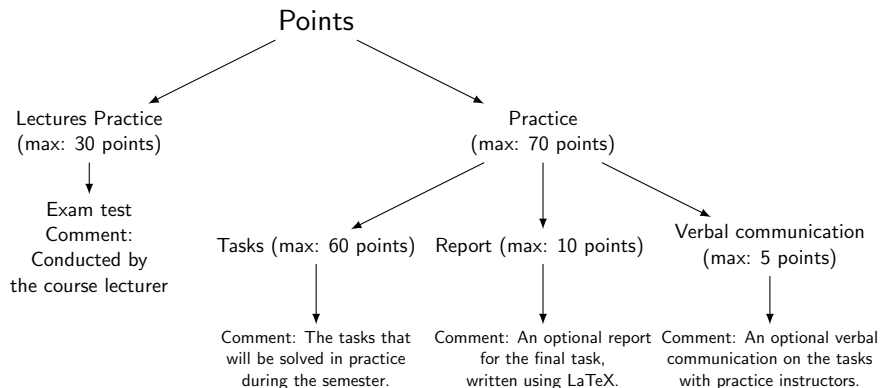
# Structure of the current semester



# Practice details

- Practice format: Online
- Random distribution of task variations
- Deadlines for each task
- Work organization in a single repository for all groups
- Self-review by students
- Full automation of quality and performance checks
- Optional reporting (written + spoken)
- Points-based grading system
- Plagiarism check of submitted tasks
- Main communication channel: Telegram

# Points distribution



# Tasks points distribution (max: 60 points)

Easy tasks: 10

- Solution implementation: 5
- Tests passed: 5

Medium tasks: 20

- Solution implementation: 15
- Performance: 5

Challenging tasks: 30

- Solution implementation: 20
- Performance: 10



# Report and verbal communication (max: 15 points)

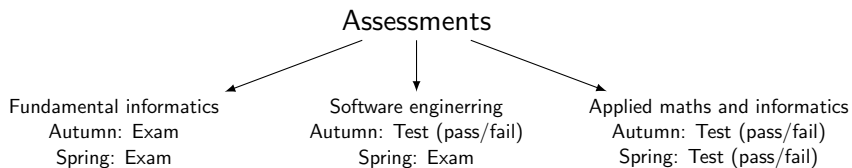
Report: 10

- The presence of the required items in the report format: 5
- Text quality and formatting: 5

Verbal communication: 5

- The completeness of the response: 5

# Assessments schedule



# Mark criterias

- 5.5 (superb) - 99-100 points
- 5 (excellent) - 92-98 points
- 4.5 (very good) - 82-91 points
- 4 (good) - 70-81 points
- 3 (satisfactory or pass) - 50-69 points
- below - fail

## Practice 1 (intro)

- Tasks distribution
- A brief technical talk on parallelism
- Examples of MPI programs

## Practice 2 (repo usage)

- Technical description of the repository and its checks
- Examples of project structure

## Next practices (TBD)

Any questions?

# Thank You!