## UNDERGRAD SEMINAR

## Individual Studies on Quantum Programming

Seminar Lecture – Autumn 2018

by

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- There is a new research and study group called "Quantum Software Group".
  - o This group will focus on quantum programming and quantum machine learning.
  - This group will also be looking for good programmers who are willing to implement quantum algorithms and to program quantum computers.
    - ➤ You can be one of these programmers!
  - o Facebook page: <a href="https://www.facebook.com/groups/1112713582228201/">https://www.facebook.com/groups/1112713582228201/</a>
  - o Subscribing the e-mail list: <a href="https://groups.google.com/group/qusoft/subscribe">https://groups.google.com/group/qusoft/subscribe</a>
- There will be reading and study activities throughout the semester.
  - Please note that a few activities on quantum programming will be dense (half day to one day).
- The participant of the seminar is expected to follow at least half of the activities of the group on quantum programming and also try to write simple quantum programs by help of the group members.

The first meeting: The place and exact time will be announced later.

The task: Introducing IBM-Q Experience and its installation

 $\rightarrow \rightarrow$  please bring your computer  $\leftarrow \leftarrow$ 

- > The seminar will start in September and finish before Christmas.
- ➤ Please send an e-mail to <u>abuzer@lu.lv</u> if you are interested in or if you have any question.