

# InnoCSE 2019

## Preface

This volume contains the papers presented at InnoCSE 2019: 2st Workshop on Innovative Approaches in Computer Science within Higher Education (<https://rtf.urfu.ru/en/research/innovative-approaches-computer-science/> ) held on November 25- 26, 2019 in Ekaterinburg Russia.

InnoCSE is organized by the Ural Federal University. The aim of the workshop is to develop new effective approaches to teaching computer science and software engineering. The workshop topics cover various aspects of software engineering education:

- Math and Computing Foundation of Software Engineering Management,
- Advanced Software Engineering Methods and Tools
- Virtual Reality Systems for Education
- Information and Communication Technologies in Education
- Business, and Economic Concerns of Software Engineering

We have received 48 submissions, each of which has been reviewed by at least three program committee members. The committee decided to accept 34 papers; only 31 of those papers have been included into the present proceedings volume.

Last but not least, we are grateful to our program and organizing committees, who made the workshop possible.

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