The Fifth Conference on Software Engineering and Information Management (SEIM-2020) opens its doors to young researchers and practitioners in different areas of computer science and software engineering, providing an opportunity to present their research, discuss state-of-the-art technology and engage in useful networking. As before, we consider SEIM to mainly focus on researchers who are just starting out their scientific careers, and hope to ease their introduction to the conference process. On the other hand, SEIM might also be of interest to more experienced researchers, who are aimed at sharing their research with a wider scientific community.

The conference welcomes submissions on a wide range of topics, including but not limited to:

- Algorithms and data structures
- Big data
- Cloud systems
- Coding theory
- Compilers
- Crowdsourcing
- Data storage and processing
- Development management
- Digital signal processing
- Distributed systems
- E-commerce / e-government
- Empirical software engineering
- High-performance computing
- Information retrieval
- Information security
- Intelligent data analysis
- Internet of Things
- Machine learning
- Mobile systems
- Modelling
- Natural language processing
- Networks and telecommunications
- (Non-)relational databases
- Operating systems
- Programming languages
- Recommendation systems
- Robotics
- Semantic web
- Social networks
- Software analysis
- Software testing
- Software verification
- Software virtualization
- Software-defined networks
- Theoretical computer science
- Visual languages

This year we received 64 papers, each reviewed by at least 3 members of the Program Committee, of which 12 were selected for publication in CEUR-WS.org, 10 for indexing in RSCI. We would like to thank the members of our Program Committee for their continuous work and contribution to the success of our conference.

These proceedings include the SEIM-2020 papers, which were selected by the Program Committee for publication in CEUR-WS.org. These papers passed not only the original review procedure, but also an additional round of post-review with the conference feedback. We thank the authors for their submissions to SEIM-2020 and hope to see them in the future.

Furthermore, we would also like to thank Tatiana Mironova, Sergey Zherevchuk and Svyatoslav Mikhailov for their great help in organizing the conference, Computer Science Center for hosting the event, and JetBrains Research for their overall support. The additional information about the SEIM conference series can be found on the conference website at: `http://2020.seim-conf.org/`

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