The WoSoCer workshop series is a forum for discussing novel solutions for the assessment and certification of software in critical systems, and for promoting their adoption through industrial and academic research projects.

In addition to the traditional topics on the certification of safety-critical systems, this edition of the workshop will feature the following special theme: the certification of cloud computing services and infrastructures. This theme is of high-priority for both cloud providers and users, who are concerned with emerging security and privacy aspects of services and data.

We welcome contributions related (but not limited to) the following topics:

- Certification of cloud computing services and infrastructures
- Quantitative and qualitative evaluation of system dependability and resilience
- Certification and assurance of systems and services
- Certification of software for emerging technological trends, including dynamic, autonomic, large-scale, and distributed systems
- Certification of third-party components, software reuse and open-source software across systems and services
- Certification and best practices of software development processes in safety- and security-critical domains
- Economics of certification and standards
- Adoption of emerging technologies and best-practices in safety- and security-critical domains
- Open issues, practical experiences and real-world case studies
- Cross-fertilization between safety and security certification and standards

Accepted peer-reviewed papers (between 6 and 8 pages) will be included in a supplemental volume of the ISSRE conference proceedings, published by the IEEE Computer Society on IEEE Xplore. Extended, peer-reviewed versions of the best papers will be invited for potential publication in a special issue of Reliability Engineering & System Safety, a high-impact Elsevier journal.