



Advanced Web Applications

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Message from the Guest Editors

This **Special Issue** aims to publish any kind of contribution dealing with the development and innovative use of advanced web technologies. We also welcome high-quality case studies describing successful experiences with advanced web applications, as well as research papers proposing novel approaches and techniques for solving traditional and novel problems arising from their practical use. The topics covered include, but are not restricted to, the following:

- capabilities of state-of-the-art large-scale web systems concerning scalability and resilience;
- cloud-native and collaborative web software development practices, web architectures, and design patterns;
- cloud deployment technologies, methods, and models;
- web solutions for integration, usability, accessibility, microdata, and the Semantic Web;
- web components; learning management systems and electronic learning on the web;
- single-page web applications and progressive web applications;
- web application security;
- JavaScript and Typescript programming;
- Web Assembly code;
- HTTP2 and HTTPS;
- HTML5 and specialized APIs.

