

14th European Conference European Conference on Software Architecture (ECSA) 2020 Tracks and Workshops in Aquila, Italy September - A Must-Attend Event for Software Architects and Enthusiasts!

Are you a software architect or enthusiast looking for an exciting conference to ignite your passion and expand your knowledge? Look no further! The 14th European Conference on Software Architecture (ECSA) 2020 is just around the corner, and it promises to be an incredible event that you do not want to miss.

ECSA is a premier European software architecture conference that brings together researchers, practitioners, and educators to discuss the latest advancements and trends in software architecture. With a rich history dating back to 2007, this conference has established itself as a leading platform for exchanging ideas, fostering collaborations, and pushing the boundaries of software architecture.

ECSA 2020: A Deep Dive into Software Architecture

This year, ECSA 2020 will take place in the stunning city of Aquila, Italy, in September. Aquila, known for its rich cultural heritage, picturesque landscapes, and vibrant atmosphere, is the perfect backdrop for this intellectually stimulating conference.

**Software Architecture: 14th European Conference,
ECSA 2020 Tracks and Workshops, L'Aquila, Italy,
September 14–18, 2020, Proceedings
(Communications in Computer and Information**



Science Book 1269)

by Mary Pope Osborne (1st ed. 2020 Edition, Kindle Edition)

★★★★☆ 4.8 out of 5

Language : English
File size : 52400 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 966 pages
X-Ray for textbooks : Enabled



The conference will include a wide range of tracks and workshops that cover various aspects of software architecture, making it a versatile event catering to diverse interests and expertise. Software architects from around the world will gather to present their research, share their experiences, and participate in lively discussions.

Tracks and Workshops: Exploring the Cutting-Edge of Software Architecture

ECSA 2020 will feature multiple tracks and workshops, each focusing on a specific theme within software architecture. These sessions provide an opportunity for in-depth exploration of the most pressing topics and emerging trends in the field.

Track 1: Software Architecture Design and Analysis

This track will delve into the techniques, tools, and methodologies used in software architecture design and analysis. Participants will gain insights into best practices, case studies, and the latest advancements in this critical area.

Track 2: Architecting Cyber-Physical Systems

In this track, experts will explore the challenges and strategies involved in architecting cyber-physical systems. Discussions will revolve around topics such as security, connectivity, and interoperability of systems in the era of the Internet of Things (IoT).

Track 3: Architecting for Real-Time Systems

Real-time systems require efficient and dependable architectures. This track will address the unique considerations and techniques involved in architecting for real-time systems such as embedded systems, mission-critical applications, and telecommunications.

Track 4: Emerging Trends in Software Architecture

This track will focus on exploring emerging trends and cutting-edge technologies in the field of software architecture. Experts will share their insights into topics such as microservices, cloud computing, big data, and artificial intelligence and their impact on architecture design.

Workshops: Hands-On Learning and Collaborative Discussions

In addition to tracks, ECSA 2020 will also host a series of workshops designed to provide hands-on learning experiences and foster collaborative discussions.

The workshops will cover various aspects of software architecture, including architectural knowledge management, domain-driven design, architecture decision-making, and more. Participants will have the opportunity to engage in interactive sessions, gain practical skills, and exchange ideas with experts and peers.

Why Attend ECSA 2020?

Attending ECSA 2020 offers several benefits that can greatly enhance your professional journey:

1. Expand your knowledge:

ECSA 2020 brings together some of the brightest minds in the software architecture field. By attending, you will have the chance to learn from renowned experts, discover new perspectives, and broaden your understanding of the latest advancements and best practices.

2. Networking opportunities:

Connect and build relationships with fellow software architects and professionals from around the world. ECSA 2020 provides a platform for networking, collaboration, and potential career opportunities. Engage in discussions, share your experiences, and establish connections that can have a lasting impact on your career.

3. Stay updated:

Software architecture is a rapidly evolving field, with new trends, technologies, and methodologies emerging constantly. ECSA 2020 keeps you up-to-date with the latest developments, ensuring that you stay ahead of the curve and remain competitive in the industry.

4. Share your experience:

If you have valuable insights or groundbreaking research to share, ECSA 2020 is the perfect platform to present your work and contribute to the software architecture community. Participate in paper presentations or poster sessions and make your mark in the field.

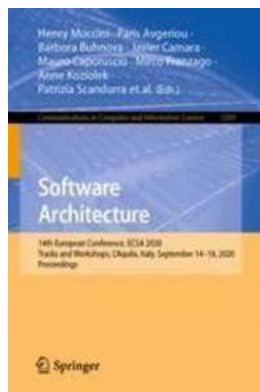
5. Explore Aquila, Italy:

Aside from the enriching conference program, ECSA 2020 gives you the opportunity to explore the picturesque city of Aquila, Italy. Immerse yourself in the local culture, indulge in delicious Italian cuisine, and marvel at the historical landmarks.

Mark Your Calendars for ECSA 2020!

ECSA 2020 is a must-attend event for any software architect or enthusiast looking to be at the forefront of the field. With its diverse tracks, engaging workshops, and the opportunity to connect with renowned experts, this conference promises to be a memorable and fulfilling experience.

Don't miss out on this unique opportunity to expand your knowledge, connect with peers, and explore beautiful Aquila. Mark your calendars and make sure to reserve your spot at ECSA 2020!



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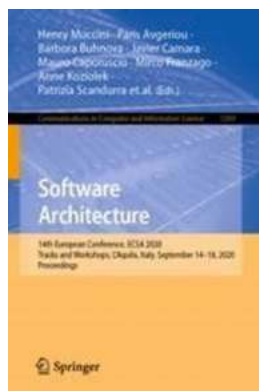
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This book constitutes the refereed proceedings of the tracks and workshops which complemented the 14th European Conference on Software Architecture, ECSA 2020, held in L'Aquila, Italy*, in September 2020.

The 30 full papers and 9 short papers presented in this volume were carefully reviewed and selected from 72 submissions. Papers presented were accepted into the following tracks and workshops: ECSA 2020 Doctoral Symposium track; ECSA 2020 Tool Demos track; ECSA 2020 Gender Diversity in Software Architecture & Software Engineering track; CASA - 3rd International Workshop on Context-aware, Autonomous and Smart Architecture; CSE/QUDOS - Joint Workshop on Continuous Software Engineering and Quality-Aware DevOps; DETECT - 3rd International Workshop on Modeling, Verification and Testing of Dependable Critical Systems; FAACS-MDE4SA - Joint Workshop on Formal Approaches for Advanced Computing Systems and Model-Driven Engineering for Software Architecture; IoT-ASAP - 4th International Workshop on Engineering IoT Systems: Architectures, Services, Applications, and Platforms; SASI4 - 2nd Workshop on Systems, Architectures, and Solutions for Industry 4.0; WASA - 6th International Workshop on Automotive System/Software Architecture.

*The conference was held virtually due to the COVID-19 pandemic.



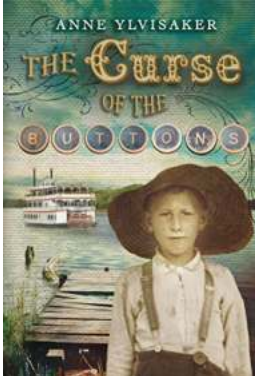
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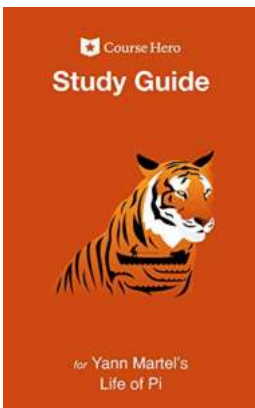
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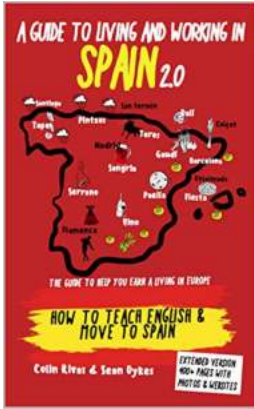
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