

# Proceedings Of The Fisita 2024 World Automotive Congress: Advancing Automotive Engineering into the Future



The Proceedings of the FISITA 2024 World Automotive Congress is a collection of peer-reviewed papers presented at the FISITA 2024 World Automotive Congress, held in Berlin, Germany, from September 15-18, 2024. The Congress is the world's largest automotive engineering event, and the Proceedings present the latest research and development in all aspects of automotive engineering, including powertrain, chassis, body, and electronics.

**Proceedings of the FISITA 2024 World Automotive Congress: Volume 1: Advanced Internal Combustion**



## Engines (I) (Lecture Notes in Electrical Engineering Book 189)

★★★★☆ 4.6 out of 5

Language : English  
File size : 45035 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 1174 pages



### Powertrain

The powertrain section of the Proceedings includes papers on the latest developments in engine technology, including gasoline, diesel, and electric powertrains. There are also papers on transmission technology, including manual, automatic, and continuously variable transmissions. In addition, there are papers on hybrid and fuel cell powertrains.

### Chassis

The chassis section of the Proceedings includes papers on the latest developments in suspension technology, including passive, active, and semi-active suspensions. There are also papers on braking technology, including anti-lock braking systems, traction control systems, and electronic stability control systems. In addition, there are papers on tire technology, including tire design, tire modeling, and tire testing.

### Body

The body section of the Proceedings includes papers on the latest developments in body design, including lightweight materials,

aerodynamics, and crashworthiness. There are also papers on body manufacturing technology, including stamping, welding, and painting. In addition, there are papers on body electronics, including body control modules, multiplex networks, and infotainment systems.

## Electronics

The electronics section of the Proceedings includes papers on the latest developments in automotive electronics, including electronic control units, sensors, and actuators. There are also papers on automotive software, including operating systems, applications, and diagnostics. In addition, there are papers on automotive cybersecurity.

The Proceedings of the FISITA 2024 World Automotive Congress is a valuable resource for automotive engineers and researchers. The Proceedings provide a comprehensive overview of the latest research and development in all aspects of automotive engineering.

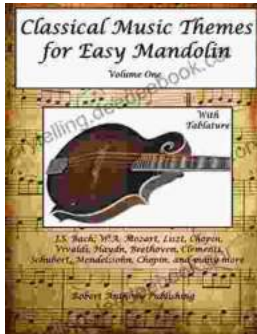


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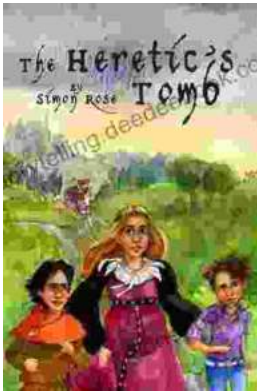
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