



Examples of DASIA 2019 Conference Themes

Development and integration issues

Software Engineering: Lifecycle Phases
Methods and Tools: Requirements, design, coding, integration and test
Case Tools
Coding Languages
Design Methods
Prototyping
In circuit testing
Simulation
Reverse Engineering
Process Modeling
ASIC design methods and tools
CAD
Reuse
COTS/OTS
Checkout

Architectures, subsystems, components and related themes

Real time aspects and Runtime Kernels
Data Handling Systems / Architectures: Processors, Bus systems, memories, etc.
Performance
Reliability
Security
Distribution
Autonomy
High Speed, high performance support
Fault Tolerance System
Communication facilities
Command and Telemetry facilities
AOCS, sensors, propulsion systems
Launchers

Applications and Operations

Satellite Operations
On-board and On-Ground segments for Satellite and Manned Space Systems
Small Satellites, Micro-satellites and Constellations
Guidance, Navigation and Control
Image and Signal Processing
Earth Observation/Remote Sensing/GIS
Remote sensing application: Meteorology, forestry, agriculture, etc.
Robotics
Communications
Energy
Defence
Transportation: Trains, ships, aircraft
Marine and submarine applications
Traffic