

Real-Time Systems WG

Focus

Design, configuration, analysis,
management of **systems with
timing requirements**

In combination with other non-functional
requirements such as

- Safety
- Reliability
- Dependability
- Performance
- Sustainability

Means

- Task **scheduling**
- Resource **orchestration**
- Time-sensitive **networking**
- **Operating systems**
- **Middleware**s (e.g., ROS2, ApolloRt, Kubernetes)
- ...

Application areas

- **Automotive**
- **Robotic**
- **Manufacturing**
- **Aerospace**
- **Edge** computing
- Real-time **cloud**
- Real-time **machine-learning**
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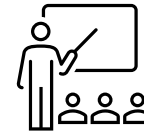
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Goals of our workgroup

- **Exchange/disseminate** (knowledge, tools, contributions, ...)
- Foster **collaborations** between people and **communities** (e.g., between CS, EE, automation, ...)
- **Identify** needs and **opportunities**
- **Advertise** events (conferences, special issues, workshops, ...)



Workshop

(Dutch real-time systems community day)



Mailing list



Join us

<https://forms.office.com/e/k6SkgwtW31>