

## Special Issue

# Design and Control of Advanced Powertrain Technologies

### Message from the Guest Editor

This Special Issue is focused on current research topics concerning designing and controlling advanced automotive powertrain concepts. The field of automotive research is experiencing a rapid diversification as vehicles become more heterogeneous in their sensors, powertrain, as well as control technologies. Where previously vehicles differentiated themselves in terms of incremental differences, modern vehicles are evolving in orthogonal directions. This Special Issue welcomes contributions in these areas but will also consider new concepts:

- Design methods for new powertrain concepts;
- Control of advanced powertrains;
- Safe control of advanced driver assistance systems;
- Novel approaches to achieving partial or full autonomy;
- Efficiency gains from new control approaches.

The explicit goal of this Special Issue is to highlight research which transcends disciplines and takes risks in its reach and scope. Consideration will be given to researchers who work in teams which bridge common boundaries and whose results demonstrate trailblazing characteristics.

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### Guest Editor

Dr. Erik Wilhelm

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### Deadline for manuscript submissions

closed (30 April 2022)



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## Editor-in-Chief

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