Electrodynamic motors

Course information

<table>
<thead>
<tr>
<th>ECTS: 2</th>
<th>Independent from the master in Acoustics</th>
<th>Course code:</th>
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<tbody>
<tr>
<td>Lecture: none</td>
<td>Tutorial classes: 12h</td>
<td>Practical work: 12h</td>
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</tbody>
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Course coordinator: Bruno Gazengel

External teacher from Harman Becker Automotive System, and from B&W Group.

Course Description

Objective

The aim of this course is to discover the methods and software which enable to model the magnetic field in a magnetic motor.

Contents

Physical principles in electrodynamic motors. Design rules for motors. 2D FEM modelling of motors.

Examination duration

2 hours

Examination type

Written examination