



Within COMET project Research Centre for Low Carbon Small Powertrain Austrian researchers deal with the minimization of CO<sub>2</sub> emissions of small powertrains and power units over their entire product life cycle. The international research consortium under the leadership of IVT, TU Graz, consists of 10 industrial and 4 scientific partners and focuses on powertrains for two-wheelers, small automobiles as well as hand-held working and gardening equipment.

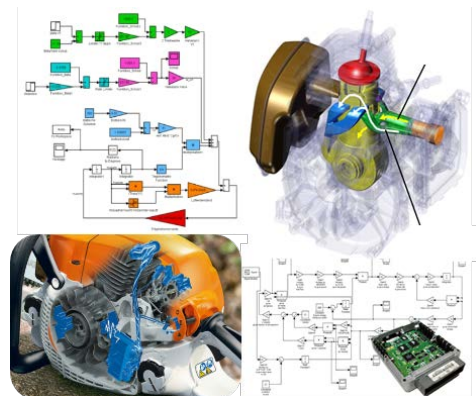
We are looking for

## Junior Scientist (f/m) with dissertation potential

### Hybrid power-split for hand-held equipment: hybridization, sensors, drive train control function

#### Research topic:

As addition to our interdisciplinary research team we are looking for a scientist aiming to specialize in the research topic „**Layout and experimental investigations of a power-split powertrain for hand-held equipment**“. Research activities cover the topics hybridization, layout and integration of a hybrid powertrain, drive train control function and novel sensor systems and are characterized by an interdisciplinary approach. The research activities are carried out at the Institute of Internal Combustion Engines and Thermodynamics in close cooperation with researches in the field of control engineering and sensor systems as well as with international industrial partners.



#### Requirements:

- Excellent university graduation in mechanical engineering
- High interest in applied research activities in the research area
- Team spirit, commitment, assertiveness and flexibility
- Assistance in the mentoring of bachelor and master theses

#### We offer:

- Interesting research environment & scientific issues with high practical relevance
- Integration in a motivated team of researchers and developers
- Possibility of doctorate graduation
- Salary classification: B 1 according to university collective agreement; gross monthly minimum wage approx. € 2.790,- (14x per year)
- Duration: 1.1.2019 – 31.12.2022

For more information please contact email addresses below.  
We are looking forward to your convincing application with reference to the exact job description.

#### Institut für Verbrennungskraftmaschinen & Thermodynamik / TU-Graz

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