We research, investigate and develop new technologies for digital audiovisual media. Together with our shareholders ARD, ZDF, Deutschlandradio, ORF and SRG/SSR and international partners, we work on innovations and practical solutions in the rapidly changing media environment.

Do you love to experiment? Do you like to work on new technologies and want to bring in your own ideas? Then join our team of experts and write your

**Bachelor Thesis**

**on the topic „Research of mechanisms for metadata enrichment”**

Traditionally decoupled systems in all areas of the media world (idea, conception, production and archiving) must be connected in order to meet today’s requirements of media consumption. This is the goal of the research project “dwerft-2 (www.dwerft.de).

Based on an existing, media specific ontology, the mechanisms for the semi-automated enrichment of metadata using external semantically supported data sources such as Wikidata or DBPedia will be researched in your thesis. In addition, the possibilities for semi-automated enrichment of editorially generated metadata by matching recognised entities with curated texts from Wikidata will be investigated and analysed.

What you bring:
- Field of study: computer science, media technology or comparable field of study
- Good knowledge of web technologies like JavaScript, HTML5 and Angular
- Ideally knowledge of SPARQL or SQL
- Team spirit with a commitment to responsibility
- Good communication skills in German and English

Your perspective at IRT:
You can work on exciting and challenging projects concerning current and future topics of media in an internationally renowned research and competence centre. We work in a highly motivated team with horizontal organisation structures. Flexible working hours as well as an attractive set of social benefits complete our offer to you. You can find further information at www.irt.de.

Would you like to join us on designing tomorrow's media landscape? Then please direct your application to karriere@irt.de quoting the earliest possible starting date and your salary expectations to Ms. Gisela Schnell referring to ID “STA P09/2019”. Please note our privacy policies at www.irt.de/ppfa.