



## Master / Bachelor thesis supervisor's review

**Master thesis:** Series Arc Fault Detection in the Presence of Household Electrical Loads

**Author:** Bc. Amna Farooq Husain

**Thesis supervisor:** Doc. Dr. Ing. Jan Kyncl

Rating (1 – 5)  
(1 = best; 5 = worst):

1. Fulfillment of assignment requirements:	<input type="text" value="1"/>
2. Self-reliance and initiative during the thesis solution:	<input type="text" value="1"/>
3. Systematic solutions of individual tasks:	<input type="text" value="1"/>
4. Ability to apply knowledge and to use literature:	<input type="text" value="1"/>
5. Collaboration and consultations with the thesis supervisor:	<input type="text" value="1"/>
6. Thesis formal and language level:	<input type="text" value="1"/>
7. Thesis readability and structuring:	<input type="text" value="1"/>
8. Thesis professional level:	<input type="text" value="1"/>
9. Conclusions and their formulation:	<input type="text" value="1"/>
<b>10. Final mark evaluation (A, B, C, D, E, F):</b>	<input type="text" value="A"/>
<b>verbal:</b>	excellent

### Brief summary evaluation of the thesis (compulsory):

The author worked systematically, in an initiative. The work can serve as a nice text about series arc for students. Although private-label measurements were relatively late, all basic types of home appliances were measured.

The author used a continuous wavelet transformation and her research can be followed by a doctoral dissertation, for it is a perspective direction of the serial arc detection research.

Date: 6. 6. 2017

Signature: