

Girls in Control – Learning sessions in automatic control. What have we learned (so far)?

Professor Steffi Knorn

TU Berlin

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via Microsoft Teams

Abstract:

Multiple outreach activities exist to attract young kids, youth and prospective students to the engineering discipline - including control. Despite those efforts the number of engineering students is still low in many western countries and in some even declining. Also, the number of female students is still far from reaching parity. Why is this and why seem engineering disciplines not as attractive to girls as to boys? What can engineers do to alleviate the issue? Many answers have been given in the literature outside engineering but are hardly known by engineers. This talk aims at summarising some lessons learned, what they might mean for us in control engineering and how some of those insights have been used to shape and design the Girls in Control workshops, which are held in up to 20 languages since 2020 and have attracted around thousand girls and hundred boys around the world so far.