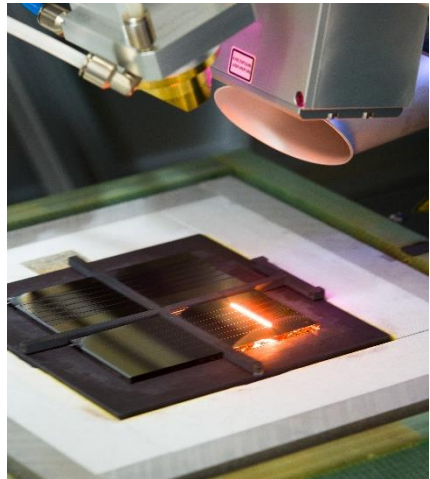
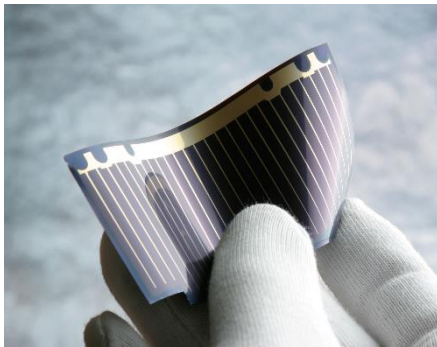
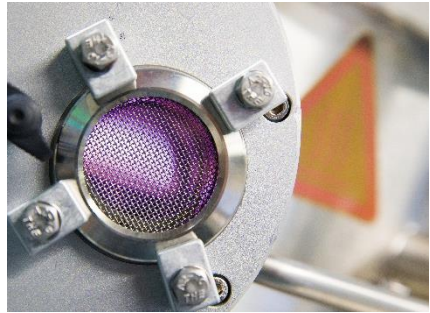


Master Thesis



Master Thesis

Topic

Material properties of laser crystallized silicon thin films on soda-lime-glasses for photovoltaic applications

Duration

- 6 months
- Starting date is flexible

Job description:

In close cooperation with our local researchers, you will be introduced into the entire fabrication cycle of a new and exciting silicon thin film technology. After finishing the extensive training you will take over the sample preparation independently and have the possibility to further develop the production of solar cells on low cost glass substrates. A subsequent comparison to more expensive technical glass substrates and a full layer and solar cell analysis with different measuring methods enables you to gain insight into the everyday work in top-level research and to obtain comprehensive knowledge in the field of photovoltaics.

Requirements:

- Bachelor degree in electrical engineering, renewable energy or related fields
- Enrollment in university
- Final phase of the Master's program
- Good English language skills
- Good skills in Matlab are advantageous
- Enthusiastic and interested in technology

If we have sparked your interest, please contact us:

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