

Materials Center Leoben (MCL) - with a staff of 180 highly specialized employees - supports numerous companies in the production sector developing high-performance materials, manufacturing processes and products. MCL designs specific computer-aided technologies in order to accelerate innovation processes in manufacturing companies as well as to support the digitalization of the value chain and products. MCL's portfolio includes cooperative research and development projects with international and national partners from the production and research sectors as well as several consulting, laboratory and simulation services in materials science.

To strengthen our team, we are looking for someone with the following area of responsibility or requirement profile:

## **Student Worker**

### **Sol-gel synthesis of perovskite thin films for capacitor applications** (maximum of 10 weekly hours)

*Reference-n°.: MCL\_182*

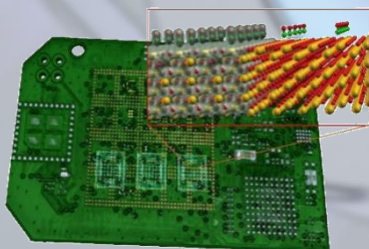
## **Relaxor perovskites – sol-gel thin films – high energy density capacitors**

*These topics inspire you or you are already familiar with them?  
Then you are the right person we are looking for!*

### What do we need?

- *University enrollment (preferably chemistry or materials science)*
- *Preliminary experience in a chemistry laboratory*
- *Interest in thin film deposition and experimental characterization techniques*
- *Scientific curiosity, team skills, self-initiative*
- *Good oral and written communication skills in English*

**You will be involved in a cutting-edge ERC-funded project, together with a top worldwide network of scientific institutions and companies!**



### Your tasks?

- *Solution-based processing of thin films of lead-free perovskite compounds*
- *Participation to the treatment of experimental data*
- *Participation to laboratory organization*
- *Support to the other scientists and students in the team*

### Our offer:

A permanent employment, with immediate start and a gross monthly salary of € 1865,00 (corresponding to a full employment). Please send your complete application documents by post/email until April 30<sup>th</sup>, 2020. We would be pleased to get to know you!

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